DRAFT ENVIRONMENTAL IMPACT REPORT
TECHNICAL APPENDICES VOLUME 2 OF 3

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City of Downey

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April 2009

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DRAFT ENVIRONMENTAL IMPACT REPORT
TECHNICAL APPENDICES

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APPENDIX IV.F-3

Addendum to the In Situ Reactive Zone Interim Measure Source Reduction Remedial Action Plan

Addendum to the In-Situ Reactive Zone Interim Measure Source Reduction Remedial Action Plan

Former NASA Industrial Plant
Downey, California

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Addendum to the In-Situ Reactive Zone Interim Measure Source Reduction Remedial Action Plan

Former NASA Industrial Plant
Downey, California

1. Introduction

ARCADIS has prepared this document to amend the In-Situ Reactive Zone (IRZ) Interim Measure Source Reduction (IMSR) Remedial Action Plan (RAP) approved by the Los Angeles Regional Water Quality Control Board (RWQCB) in a letter dated July 15, 2005. The purpose of this addendum is to document the design of the full-scale IRZ system based on the initial hydraulic testing conducted as part of the IMSR RAP. In addition, this addendum also proposes a modified monitoring plan consistent with the final system design.

The IMSR RAP proposed using Enhanced Reductive Dechlorination (ERD) to reduce concentrations of chlorinated volatile organic compounds (cVOCs) known to exist in shallow groundwater beneath the former NASA Downey facility. The location of the project site is shown in Figure 1. The shallow groundwater extends from approximately 55 to 75 feet below ground surface (bgs). RWQCB approval of the IMRS RAP and approval and issuance of a Waste Discharge Requirement (WDR) permit were obtained prior to conducting the initial groundwater remediation procedures outlined in the IMSR RAP. The IMSR RAP provided background information on groundwater conditions beneath the site, discussed the viability of ERD for this site and provided detailed information on ERD proposed for the site.

The IMSR RAP proposed performing hydraulic tests to determine flow and distribution parameters and using these parameters to modify the design of the proposed full-scale injection system. The results of the hydraulic tests were used to complete the final design of the ERD system proposed in the approved IMSR RAP.

2. Hydraulic Test Results

Hydraulic tests were performed in two onsite locations to determine the radius of influence of an amendment well and the dilution effects of groundwater to the amendment solution. To design the full-scale injection system outlined in the approved IMSR RAP, the effective porosity, mobile fraction of the effective porosity, and groundwater travel velocity must be determined or estimated. From these parameters, the cross-gradient spacing of the amendment wells and the necessary injection volume to achieve coverage between the amendment wells can be calculated. Once the cross-gradient spacing is determined, the groundwater travel velocity is used to determine the down-gradient spacing and carbon loading necessary to maintain an IRZ.

The hydraulic tests were also used to compare different well designs to determine the optimum amendment well construction for the desired flow rate and injection pressure.

Based on the data obtained from the hydraulic tests, total porosity was estimated at 40 percent, the mobile fraction of the effective porosity was estimated at 14 percent, and the migratory porosity was estimated at 5.7 percent. A groundwater travel velocity of 0.3 to 0.5 feet per day was also estimated.

3. Revised IMSR Design

The basic design of the approved IMSR RAP remains the same. ARCADIS will use ERD to reduce concentrations of cVOCs in groundwater. Through subsurface carbohydrate injections, the ERD technology alters existing aerobic or mildly anoxic aquifers to anaerobic IRZs with conditions conducive to the bioremediation of cVOCs. An IRZ is created by stimulating indigenous microbiological organisms through the engineered addition of low-cost electron donors (carbohydrates). While consuming carbohydrates, bacteria utilize stoichiometric quantities of electron acceptor compounds. When the rate of carbon consumption exceeds the rate of high-yield electron acceptor recharge, an IRZ is created that provides full dechlorination of target cVOCs such as tetrachloroethene (PCE) and trichloroethene (TCE).

Once sufficient organic carbon has been distributed throughout the treatment area and an IRZ has been established, subsequent additions of carbohydrate support the enhanced microbial population and maintain the IRZ. Subsequent carbohydrate additions must occur at intervals sufficient to maintain a target total organic carbon (TOC) concentration that sustains the reducing environment created by the enhanced microbial population. Continued reductive dechlorination can only be achieved when the rate of electron donor consumption exceeds the rate of electron acceptor recharge. Carbohydrate injections are most effective when the carbon source is highly mobile and readily degradable and when injection rates correspond to the overall flux of groundwater, electron acceptors, and cVOCs that move into the treatment zone. The reactive zone performance is measured by monitoring the concentration of target contaminants and degradation products and other groundwater parameters such as methane concentration and pH. Site hydrogeologic characteristics may require optimizing the IRZ approach, achieved by monitoring groundwater conditions within the IRZ (pH, TOC concentration, and dissolved methane concentration) and making adjustments to the amount and frequency of carbohydrate injection.

3.1 IRZ Design

The treatment areas are divided by cross-gradient lines of amendment wells that deliver the carbohydrate to the saturated interval and create treatment areas across the contaminant plume perpendicular to groundwater flow. The IRZ is engineered to dechlorinate the VOCs as the dissolved-phase contaminants move with groundwater through the treatment areas created by the lines of amendment wells. The treatment areas are spaced at regular intervals down-gradient from each other, where possible, to remediate the entire site. A total of 10 rows of amendment wells, illustrated on Figure 2, will be used to deliver the carbohydrate to the impacted saturated interval. Based on the groundwater velocity calculated during the injection test, each row of amendment wells are spaced 2 to 3 years (groundwater travel time) down-gradient from an adjacent row of amendment wells, except where existing or proposed buildings exist. The distance between the third row of amendment wells and the fourth row of amendment wells is approximately 700 feet, or 4 to 5 years of groundwater travel time. The distance between the seventh and eighth row of amendment wells is approximately 600 feet, or 3.5 to 4 years of groundwater travel time.

In order to maintain the IRZ in the area of the amendment wells, the TOC concentration within the IRZ must be kept above 50 milligrams per liter (mg/l). Once the enhanced microbial community is established, the concentration of TOC decreases exponentially as the TOC is consumed by the microorganisms. The rate of TOC decrease is described by a half-life, with different organic substrates having different half-lives. The half-life of molasses is estimated to be approximately 17 days. The groundwater travel velocity, also a consideration in maintaining the desired TOC concentration in the IRZ zone, is estimated to be between 0.35 and 0.5 feet per day. The length of time between carbohydrate injection events is the time required for the TOC concentration to decline to 50 mg/l due to either biological activity or flow of the injected solution past the effective radius of the amendment wells. The effective radius of the amendment wells is calculated by dividing the injection diameter by the groundwater travel velocity. This maintains a TOC concentration of 50 mg/l within the IRZ around the amendment wells.

The injection solution contains carbohydrate and is designed to create a treatment area containing approximately 2,000 mg/l TOC across the lines of amendment wells shortly after each injection event. Based on the total porosity and migratory porosity calculated from the hydraulic test, and a 15-foot injection screen interval, an injection radius of 15 feet can be achieved with an injection of 4,500 gallons of fluid. Based on the estimated migratory fraction from the hydraulic test, an injection fluid TOC

concentration of 6,900 mg/l will be required to establish 2,000 mg/l TOC inside the IRZ shortly after injection. A 2 percent (by volume) mixture of molasses and water will be used to obtain the desired injection solution concentration of 6,900 mg/l TOC. Assuming TOC has a half-life of 17 days, it will take approximately 90 days for TOC concentrations to be reduced to 50 mg/l, which is equivalent to approximately 35 to 45 feet of groundwater travel.

3.2 Amendment Well Design and Installation

The amendment wells used to deliver the 4,500 gallons of carbohydrate solution will be spaced 30 feet apart (15-foot injection radius). Based on the results of the hydraulic test, an infiltration/injection rate of 30 gallons per minute (gpm) per well is possible at the site. To obtain an infiltration/injection rate of 30 gpm through the 15-foot injection screen interval, a 2-inch wire wrapped screen section, with 0.020-inch slot size, will be used for the amendment wells. The amendment well screen sections are designed to maintain an exit velocity of less than 0.2 feet per second. The amendment wells, consisting of 2-inch blank PVC casing from surface to approximately 60 feet below ground surface (bgs) and the wire-wrapped screen sections from approximately 60 feet to 75 feet bgs, will be installed in borings drilled with hollow-stem auger rigs. A total of 155 amendment wells will be used to distribute the carbohydrate solution into the saturated interval. In addition to the saturated interval amendment wells, vadose zone amendment wells will introduce a dilute carbohydrate solution into the vadose zone immediately above the saturated interval to target specific high-concentration areas of the dissolved-phase plume. Instead of drilling additional borings at the site for these infiltration/amendment wells, 25 of the amendment wells will be dual-nested with additional amendment wells consisting of 2-inch PVC from surface to approximately 40 feet bgs and 0.040” slotted PVC from approximately 40 to 50 feet bgs. A total of 180 amendment wells will be located on the site, as shown in Figure 2.

3.3 Carbohydrate Amendment Design

Typically an inexpensive and readily available carbon source is used to establish the reactive zone. Corn syrup, molasses, and cheese whey have been used successfully in the Los Angeles Region for treatment of cVOCs. Other substrates that could potentially be used in the injection solution to develop a reactive zone include methanol, ethanol, sucrose, cellulose, guar, starch, hydrogen, and proprietary blends of these and other sources of soluble organic carbon.

Molasses will be initially used as the carbohydrate source to create the reactive zone in the subsurface. Based on the data obtained during IRZ monitoring, the carbohydrate source may be changed to efficiently maintain the engineered reactive zone. Based on the hydraulic test data, a 2 percent (by volume) molasses solution will be used to provide approximately 7,000 milligrams per liter (mg/l) of TOC to achieve approximately 2,000 mg/l of TOC in the IRZ immediately following injection. The proposed loading may change based on process and performance monitoring data (i.e., if the residual TOC concentration in the IRZ is too high or too low for the ERD process, the TOC injection concentration may be lowered or raised based on the results of TOC and pH sampling).

Although current conditions in the saturated interval do not indicate a need for additional buffering, IRZ monitoring may indicate a need to add buffering agents to the injection solution to stabilize the pH of the groundwater during the ERD process. If required, sodium bicarbonate will be added to the injection solution to buffer the groundwater and maintain an aquifer pH above 5.0.

3.4 Amendment Addition

Amendment addition will begin in September 2005 after collecting baseline samples and follow the schedule in Appendix (Table 1). A carbohydrate and water solution will be injected into the saturated interval to create the IRZ. Based on the hydraulic test results, amendment solution will initially be added on a quarterly basis. This schedule may change based on the monitoring data collected throughout the ERD process.

3.5 IMSR RAP Monitoring and Evaluation

Groundwater monitoring events targeting specific process analytes (pH, TOC, methane, and cVOCs) will be used to track the development and progress of the IRZ. A select subset of amendment and monitoring wells will be sampled according to a predetermined schedule. Monitoring frequency may be adjusted based on the results obtained from each sampling event. The ongoing groundwater monitoring program will be modified to supplement the IRZ data collection program. This information will be used to evaluate the need, timing, and composition of amendment additions needed based on the following:

- Process monitoring will be used to make decisions based on the development of the IRZ as determined by elevated TOC and dissolved methane concentrations and the proper pH within the treatment zone;
- Performance monitoring will be used to make decisions based on the progress of the treatment process as determined by the reduction of cVOCs to ethene and ethane;
- Additional amendments, including guar, starch, corn syrup, cheese whey, and/or sodium bicarbonate, may be applied based on the results of the process and performance monitoring.

The IMSR RAP will run for a period of approximately three years, during which active amendment additions will be performed. The IRZ will then be monitored for approximately one additional year after which a summary report will be prepared and submitted to the LARWQCB.

4. Interim Measure Source Reduction Program Elements

This section provides detailed information on the elements that will be completed for the IMSR RAP program for the project site.

4.1 Amendment

The selected carbohydrate solution will be a mixture of molasses, guar, whey, starch and possibly sodium bicarbonate, if required. Molasses is an easily biodegradable carbon source that has a half-life on the order of days while guar and starch have half-lives on the order of weeks to months, depending on the subsurface environment.

Carbohydrate delivery events will be scheduled in order to ensure maintenance of the target TOC concentration and methane production. TOC concentration, methane concentration, and other parameters (including pH) will measured during process monitoring and considered before additional carbohydrate is added.

Carbohydrate solution will be mixed with potable water at the site to create an approximate 2,000 mg/l TOC concentration in the amendment solution. The carbohydrate solution added will be approximately 5 percent of the available pore volume within the estimated radius of influence around each of the IRZ amendment wells.

A total of approximately 850,000 gallons of solution will be infiltrated/injected into the amendment wells during a carbohydrate delivery event. These events will occur at least quarterly for approximately three years for a total anticipated infiltration/injection volume of approximately 10,000,000 gallons amendment solution.

4.2 Amendment Wells

Amendment wells will be used to inject carbohydrates, as required, to maintain the IRZ. The carbohydrate solution will be delivered to amendment wells using wire-wrapped screens installed approximately 5 to 20 feet below the groundwater table throughout the site. Due to varying surface elevations and stratigraphic contacts, actual screen depths may be adjusted in the field.

4.3 Bromide Tracer

If process and performance monitoring indicate possible problems with the ERD process, bromide may be used as a tracer to help determine the lateral spread of the IRZ, determine groundwater flow direction, and determine groundwater flow rates. Only a select number of amendment wells (maximum of 25) would be used during this process, and a maximum of two events would be required to determine groundwater movement. In order to achieve a reasonable, measurable concentration in groundwater down-gradient of the amendment point, the necessary bromide concentration in the amendment solution will be approximately 500 mg/L. Using the added tracer in the amendment solution will be discussed with the RWQCB prior to using the bromide tracer.

4.4 IMSR RAP Monitoring

Groundwater sampling for process monitoring will be performed both in select amendment wells and associated monitoring wells. The intent is not to verify or quantify the effectiveness of the technology; monitoring will be used to provide near real-time feedback to optimize treatment efficiency by maintaining the IRZ within the specified pH and TOC ranges. Methane concentrations are measured to confirm methanogenesis is occurring, a necessity for ERD.

The attached Tech Memo, Appendix A, includes details of the monitoring methods and procedures required to monitor the progress of the ERD and maintain the IRZ at optimal conditions. The Tech Memo also contains a proposed schedule for sampling events.

4.5 Installation of Additional Monitoring Wells

As outlined in the Tech Memo, additional monitoring wells will be installed on site to aid in monitoring changes in groundwater conditions during the IMSR RAP. The monitoring wells will be constructed in 8-inch boreholes drilled with a hollow-stem auger drill rig to approximately 75 feet bgs. The well casing will be 2 inches in diameter with 0.01-inch slotted Schedule 40 PVC from approximately 40 to 75 feet bgs. The sand filter pack will extend downward from approximately two feet above the top of the well screen to approximately 75 feet bgs. A bentonite seal will be placed from approximately 33 to 38 feet bgs. Volclay grout will then be placed above the seal at approximately 33 feet bgs to ground surface. The actual depth and length of the screened intervals will be determined in the field to accommodate the conditions of soil. A flush-mounted well box will be set around the well.

4.6 Data Evaluation and Amendment Adjustments

The data collected from process monitoring wells will be used to assess the establishment and maintenance of the IRZ and to determine if subsequent amendment addition(s) are required. The data will also be used to determine whether to modify or maintain the planned monitoring program.

The target concentrations or ranges for various parameters that will be used to measure process and performance are as follows:

- pH – greater than 4.0 in the amendment wells; greater than 5.0 in the monitoring wells;
- TOC – greater than 100 mg/l and less than 3,000 mg/l in the amendment wells; greater than 50 mg/l in the monitoring wells.

Groundwater monitoring data will be reviewed to determine the need to adjust the strength, frequency, volume, and composition of the amendment additions. Adjustments could include more frequent amendment additions, an increase or decrease in solution strength, an increase or decrease in solution volume, the use of complex carbohydrates such as whey, guar, starch, and/or the addition of sodium bicarbonate to control pH.

5. Summary of Full-Scale Design Changes

The overall conceptual ERD design proposed in the approved IMSR RAP has not been changed, however the implementation of the ERD has been modified based on information obtained from the hydraulic test. The distance between injection lines was changed because of the reduced estimated groundwater flow velocity, which increased the total number of amendment wells required to implement the ERD. Instead of using 3,200 temporary amendment points to cover the footprint of the groundwater plume, initial injections into wells located in the center of the plumes, as well as temporary amendment points in the area beneath the proposed hospital footprint will be used to initiate the ERD. The volume of injection solution was increased to ensure coverage between wells within the lines of amendment wells. The proposed monitoring has been modified to focus data on establishing the proper conditions for an IRZ and monitoring the products of ERD for performance.

The conceptual design proposed in the approved IMSR RAP estimated as many as 139 amendment wells would be used to deliver the carbohydrate solution. This was based on a 50-foot amendment well spacing within the injection lines, and approximately 600 feet down-gradient spacing between injection lines. The revised number of amendment wells for the current design is 155 wells, based on 30-foot amendment well spacing within the injection lines, and approximately 450-foot down-gradient spacing between injection lines (where feasible).

The conceptual design proposed in the approved IMSR RAP estimated the carbohydrate solution would contain 10 to 20 percent molasses to deliver sufficient total organic carbon (TOC) to create an IRZ and complete ERD. Based on the information obtained from the hydraulic tests, an estimated 4,500 gallons of solution will be required to ensure coverage for the proposed 30-foot well spacing. The proposed initial solution strength will be decreased to 5,000 to 10,000 mg/l TOC (from approximately 25,000 to 50,000 mg/l proposed in the approved IMSR RAP) and should provide sufficient TOC to initiate the IRZ. Process monitoring will be performed to ensure the TOC levels in the IRZ remain at acceptable levels. Adjustments to the solution strength and/or injection frequency to maintain the proper TOC concentration within the IRZ will be made based on the process monitoring results. The proposed frequency of injection and monitoring activities are discussed in the attached Tech Memo, Appendix A.

The conceptual design proposed in the approved IMSR RAP estimated as many as 10 ERD monitoring wells would be installed to monitor ERD progress. Due to the additional lines of amendment wells, the number of ERD monitoring wells increased to 24 monitoring wells.

The conceptual design proposed in the approved IMSR RAP estimated as many as 3,200 temporary amendment points would be used to initially treat the elevated dissolved-phase VOC plume (prior to scheduled injections using permanent wells). Instead of using temporary amendment points throughout the plume, accessible areas that would not be accessible in the future due to site development were initially treated using 137 temporary amendment points, on 28-foot spacing, beneath the footprint of the proposed hospital location. Also, initial injections into the areas with elevated dissolved-phase VOC concentrations (above 1,000 micrograms per liter) are planned for the remainder of the dissolved-phase plume. These initial injections will take the place of the remaining temporary amendment points discussed in the approved IMSR RAP, and will be scheduled for the first two injection events proposed for 2005. A total of 72 of the 155 proposed amendment wells, in seven of the ten lines of amendment wells, will be used to initiate the IRZ in the elevated dissolved-phase VOC areas.

The previously submitted sampling plan included monitoring indicators of low oxidation-reduction potential (ORP) and dissolved oxygen (DO) concentration. Based on experience gained during the hydraulic tests at the site and on other ERD projects throughout the country, a change in monitoring procedures is proposed. Dissolved oxygen and ORP are both byproducts of microbial activity and have been used as indicators of sufficient TOC to create an environment conducive for reductive dechlorination. Focusing IRZ monitoring on excess TOC concentration and parameters indicating a suitable environment for ERD is a better approach than monitoring indications of anoxic conditions (DO and ORP) that could be false indicators. Instead, monitoring TOC concentration in process and performance monitoring wells is a better measure of the distribution of TOC needed to create the reactive zone for ERD. If TOC concentrations in the process and performance monitoring wells are elevated above 50 mg/l, sufficient TOC is being delivered to the saturated interval to induce complete dechlorination. Excess TOC concentrations above background levels indicate carbon is available in sufficient quantities to exhaust supplies of competing electron acceptors. Methanogenesis is monitored by measuring methane concentrations in the IRZ to ensure that fermentation is occurring to supply the molecular hydrogen needed for reductive dechlorination. The pH of the IRZ is also

checked to ensure the pH of the system is within an acceptable range for the microbial activity needed for reductive dechlorination.

The conceptual design proposed in the approved IMSR RAP included a monitoring schedule. This schedule will be changed to reflect the design changes brought about by the hydraulic test data. The new proposed schedule is outlined in the Tech Memo.

6. Schedule

The estimated duration of this IMSR RAP program is approximately three years. An estimated schedule outlining amendment addition and monitoring is included in Appendix (Table 1).

Once amendment activities are initiated, quarterly monitoring data will be forwarded as outlined in the approved WDR permit, and an annual status report will be submitted to the LARWQCB. A final report with a summary of the IMSR RAP results, conclusions, and recommendations will be completed and submitted to the LARWQCB at the conclusion of the IMSR RAP active phase, currently estimated to be the second quarter of 2008.

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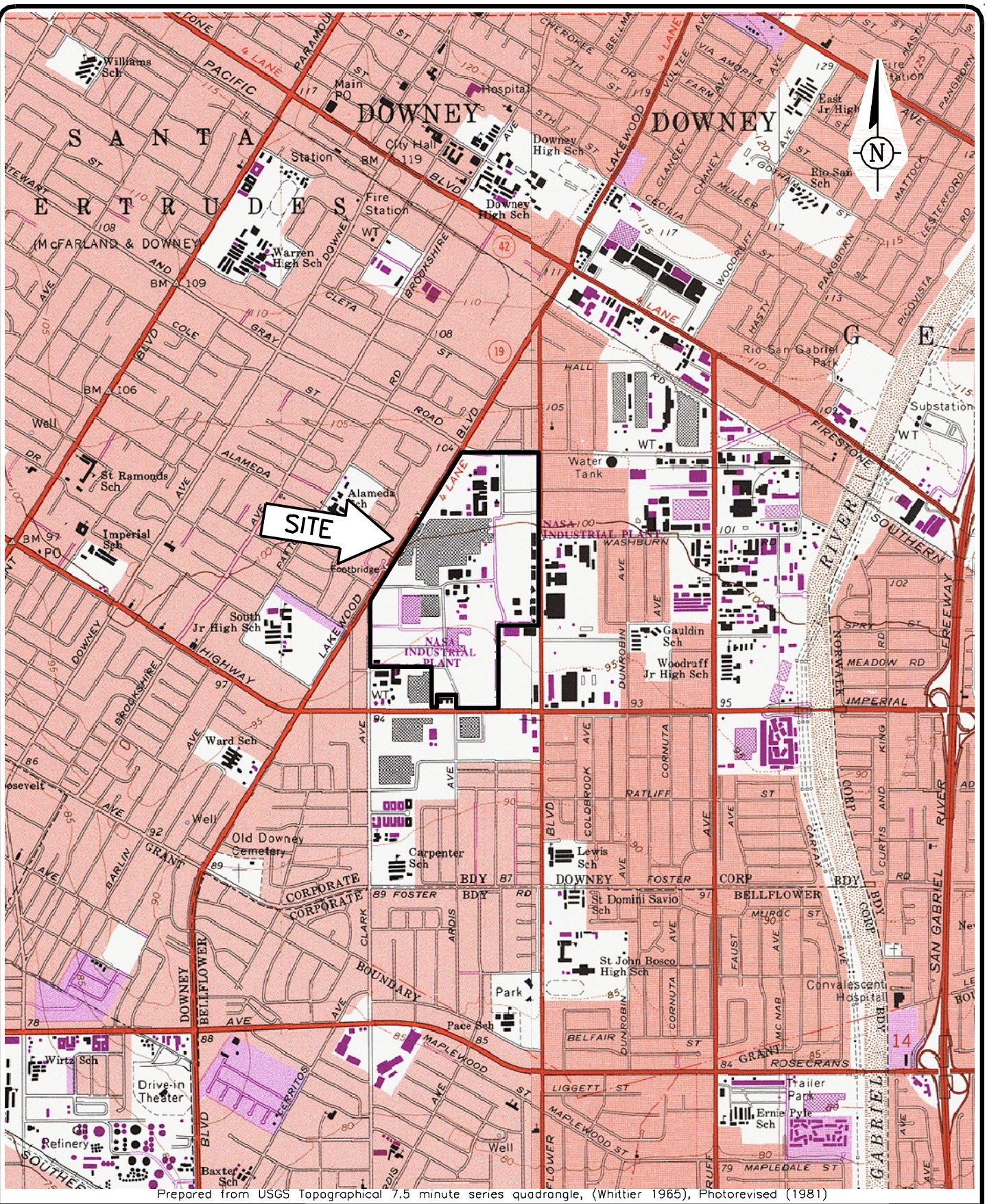
Figures



Prepared from USGS Topographical 7.5 minute series quadrangle, (Whittier 1965), Photorevised (1981)

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SITE LOCATION

NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

FIGURE

1

ART: QUINONES | PM: FRIEDMAN | CHK: FRIEDMAN | FILE: | DWG: G:\drawings\aproject\nasa\Nasa-SL1 | PRJ#: CA 623.01.02 | 13:36 | DATE: 4/9/03

EXPLANATION

AI-103	PROPOSED INJECTION WELLS
AI-110	PROPOSED DUAL-NESTED WELLS WITH VALVE BOX
PERF-103A	PROPOSED PERFORMANCE MONITORING WELL LOCATIONS

NOTES:

1. SOURCE OF MAP: PROVIDED BY NASA INDUSTRIAL PLANT FACILITIES,
   BY ROCKWELL FACILITIES AND ENVIRONMENTAL, MAP DATED MAY 1995,
   BY KAISER,
   BY DOWNEY LANDING, AND
   BY DOWNEY STUDIOS.

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SITE PLAN SHOWING AMENDMENT AND ERD MONITORING WELL LOCATIONS

FINAL

FORMER NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

Project Number: CA 623.11.02	Figure: 2

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Appendix A

Tech Memo

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MEMO

Subject:
NASA – Revised IRZ Monitoring

Date:
August 11, 2005

From:
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Drafted by:
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Department:
Environmental

ARCADIS Project No.:
CA000623.0011.CA001

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Project File

General

Based on the injection testing performed at this site, modifications to the monitoring plan for the enhanced reductive dechlorination (ERD) is proposed. The ultimate measure of ERD effectiveness is chlorinated volatile organic compound (cVOC) concentration decreases. In addition to cVOC concentration trends, trends in total organic carbon (TOC) utilization, pH, and methane, ethane, and ethene production are important monitoring parameters used to evaluate creation of an environment conducive to ERD. Biological monitoring intended to identify dominant members of the microbial community may also be completed, as needed, to monitor the bacterial populations responsible for the ERD and creation of the in-situ reactive zone (IRZ). The IRZ is the environment created by the addition of a carbohydrate source to induce an in-situ reaction.

Pre-treatment (baseline) sampling for the full biogeochemical analysis is important to establish pre-treatment levels of indicator compounds and organisms that may be monitored to troubleshoot the in-situ system once treatment begins. The final location of the performance and process monitoring wells across the site is also included.

ERD is driven by microbial consumption of organic carbon and production of molecular hydrogen. Decreased redox potential, as well as dissolved oxygen, occurs as a result of microbial consumption of electron acceptors such as oxygen and nitrate. Low redox potential is an indication of microbial activity, but it is not what makes reductive dechlorination work. The onset of effective dechlorination coincides with the development of significant methanogenesis.

There is a strong correlation between development of complete dechlorination and the breakthrough of TOC, 60 to 100 days down-gradient from the injection zone. Based on experience, a suitable benchmark is a breakthrough TOC concentration of 20 to 50 milligrams per

liter (mg/l) 100 days down-gradient from the injection zone. IRZ systems must be designed with sufficient carbon loading (mass and frequency) to achieve sufficient TOC breakthrough. The carbon dosage to be injected must also consider the continual microbial degradation of the carbon.

Based on the alkalinity analysis of groundwater samples collected from various monitoring wells across the site, the buffering capacity of the saturated interval should be sufficient to keep the groundwater pH within an acceptable range of 5.0 to 8.0 pH units. If future process and performance monitoring indicates the pH has decreased below the acceptable limit of 5.0 pH units, a buffering agent will be added to the injection solution.

Sites with inadequate carbon loading rates will not perform well. Infrequent carbon source injections and low carbon dose rates are associated with extended lag times to dechlorination, and in some cases, indefinite stalling at cis-DCE. Based on the injection tests performed at the site and the spacing developed for this site, an injection volume of 4,500 gallons per amendment well will be required to obtain coverage of the 30-foot cross-gradient spacing between amendment wells. A model was developed and used to determine the TOC loading concentration and injection frequency necessary to maintain an IRZ based on a 100-day down-gradient breakthrough TOC concentration of 50 mg/l. The model predicts a 2 percent molasses volume to water volume solution injected on a quarterly basis will provide enough molasses to maintain the TOC concentration above 50 mg/l 100 days down-gradient from the injection zone.

Proposed Changes to ERD Monitoring

Based on experience gained during the injection tests at the site and other ERD projects throughout the country, a change in monitoring procedures is proposed. Dissolved oxygen (DO) and oxidation-reduction potential (ORP) are both byproducts of microbial activity and have been used as indicators of sufficient TOC to create an environment conducive for reductive dechlorination. Focusing IRZ monitoring on excess TOC concentration and parameters indicating a suitable environment for ERD is a better approach than monitoring indications of anoxic conditions (DO and ORP) which could be false indicators. Instead, monitoring TOC concentration in process and performance monitoring wells is a better measure of the distribution of TOC needed to create the reactive zone for ERD. If TOC concentrations in the process and performance monitoring wells are elevated above 50 mg/l, sufficient TOC is being delivered to the saturated interval to induce complete dechlorination. Excess TOC concentrations above background levels indicate carbon is available in sufficient quantities to exhaust supplies of competing electron acceptors. Methanogenesis is monitored by measuring methane concentrations in the IRZ to ensure fermentation is occurring and supplying the molecular hydrogen needed for reductive dechlorination. The pH of the IRZ is also checked to ensure the pH of the system is within an acceptable range for the microbial activity needed for reductive dechlorination.

The data collection for determining the development of an IRZ will focus on verifying the distribution of TOC and development of successful methanogenesis. TOC concentrations and dissolved methane concentrations, indicative of methanogenesis, will be measured through laboratory analysis. The pH of the system will be monitored to maintain an adequate environment for the microorganisms. In addition, degradation products from the cVOCs encountered at the site will also be quantified through laboratory analysis of samples for VOCs and light hydrocarbons (ethene and ethane).

Proposed ERD Monitoring

Three types of monitoring events are planned: a baseline sampling event (prior to addition of carbohydrate solution); process monitoring events; and performance monitoring events. In addition, biological monitoring will be done in conjunction with the geochemical monitoring events. The following parameters will be monitored and/or analyzed to aid in determining the creation of an IRZ and the extent of ERD in the saturated interval.

TOC - Used to track availability of organic carbon to support the development of the anaerobic conditions required for ERD. Carbon loading must be sufficient to establish TOC concentrations between 50 and 100 ppm 100 days down-gradient of the amendment points (advective groundwater travel time). Insufficient carbon loading can lead to incomplete dechlorination. Analysis for TOC is a required component of process and performance monitoring. TOC samples are collected and analyzed during baseline, process, and performance monitoring activities.

Methane (CH_4) – Used in conjunction with other electron acceptor data to evaluate the prevailing biogeochemical environment. Dissolved methane gas, along with carbon dioxide is formed through the reduction of organic carbon. Methanogenesis requires a strongly reducing environment. Field data tells us that the establishment of methanogenic conditions is required to support complete reductive dechlorination. Analysis for methane is a required component of process monitoring to confirm methanogenisis is ongoing within the injection zone. Methane is collected during process and performance monitoring events. Methane concentration only needs to be determined in areas where ERD is occurring; therefore, this analysis should only be conducted once TOC concentrations significantly increase in the performance monitoring wells located 50 to 200 days down-gradient from an injection zone.

Ethene & Ethane - Used to show complete reductive dechlorination via biologically mediated pathways. Ethene and ethane are the dissolved-gas end products of reductive dechlorination. Analysis for these light hydrocarbons is a required component of performance monitoring. Ethene and ethane samples are collected during process and performance monitoring events. Ethene and ethane only need to be analyzed in areas where ERD is occurring; therefore, this analysis is conducted once TOC concentrations significantly increase in the performance monitoring wells located 50 to 200 days down-gradient from an injection zone.

Alkalinity - Used to assess the buffering capacity of the aquifer. Total alkalinity will increase in the IRZ due to biological activity. To a large degree, this is the result of biotic and abiotic production of weak organic acids which, contrary to intuition, act as buffers. In most situations, continued regular monitoring of alkalinity has little value. Infrequent, periodic monitoring is typically sufficient. Baseline sampling of a few wells is typically performed to establish a site-wide average. Further sampling for alkalinity is only required for troubleshooting ERD.

Phosphate – Used to assess the nutritional profile of an aquifer. Although it is required in small amounts, phosphate is essential to support microbial life (as are carbon, nitrogen, and sulfur). This is not a parameter that is typically monitored. The plant-derived carbon donors typically used by ARCADIS contain all four essential nutrients, including phosphate. If an ERD zone is having trouble maturing in the presence of sufficient organic carbon, sampling for this nutrient may be warranted to rule it out as a limiting factor. In general, phosphate concentrations above 0.1 ppm are considered elevated. It would be reasonable to interpret the mere presence of phosphate above the detection limit of 0.01 ppm as adequate. Baseline sampling of a few wells is

typically performed to establish a site-wide average. Further sampling for phosphate is only required for troubleshooting ERD.

Nitrate (NO_3^-) / Nitrite (NO_2^-) - Nitrate/nitrite concentration are used in conjunction with other electron acceptor data to evaluate the prevailing biogeochemical environment. Nitrate serves as an electron acceptor to support anaerobic microbial respiration. Nitrate reduction requires only a mildly reducing environment to produce nitrite. The supply of nitrate is quickly exhausted in strongly reducing environments associated with ERD and is therefore not normally a consistent part of performance monitoring programs. Nitrite, the reduced form of nitrate, is very unstable since it also functions as an electron acceptor in the presence of sufficient organic carbon, and is also not included in most performance monitoring programs. Baseline sampling of a few wells is typically performed to establish a site-wide average. Further sampling for nitrate/nitrite is only required for troubleshooting ERD.

Divalent Manganese (Mn^{2+}) - Manganese concentration is used in conjunction with other electron acceptor data to evaluate the prevailing biogeochemical environment. Manganese serves as an electron acceptor to support anaerobic microbial respiration. Manganese reduction requires only a mildly reducing environment. Divalent manganese is the product of manganese (Mn^{4+}) reduction. Accumulations are indicative of both a shift in oxidation-reduction potential and the use of manganese as an electron acceptor for respiration. Manganese reduction typically occurs in the presence of iron reduction. Of the two processes, iron reduction is more significant due to its much higher relative concentration in the earth's crust (iron is the 4th most common element, while manganese is the 12th). Baseline sampling events should include analysis for divalent manganese, but regular monitoring is typically not necessary. Baseline sampling of a few wells is typically performed to establish a site-wide average. Further sampling for manganese is only required for troubleshooting ERD.

Ferrous Iron (Fe^{2+}) - The dissolved iron concentration is used in conjunction with other electron acceptor data to evaluate the prevailing biogeochemical environment. Iron serves as an electron acceptor to support anaerobic microbial respiration and requires only a mildly reducing environment. Ferrous iron is the product of ferric iron (Fe^{3+}) reduction. Accumulations are indicative of both a shift in oxidation-reduction potential and the use of iron as an electron acceptor for respiration. Baseline sampling of a few wells is typically performed to establish a site-wide average. Further sampling for ferrous iron is only required for troubleshooting ERD.

Sulfate (SO_4^{2-}) / Sulfide (S^{2-}) - Sulfate serves as an electron acceptor to support anaerobic microbial respiration. Reduction in sulfate concentration is used in conjunction with other electron acceptor data to evaluate the prevailing biogeochemical environment. Sulfate reduction to produce sulfide requires a strongly reducing environment. Depletion of sulfate is indicative of a strongly reducing environment and is typically a regular component of performance monitoring. Sulfide is very unstable and difficult to detect. However, the potential of sulfide to combine with inorganic compounds in a reduced environment and form solid precipitates justifies evaluating the concentration. Baseline sampling of a few wells is typically performed to establish a site-wide average. Further sampling for sulfate and sulfide is only required for troubleshooting ERD.

Dissolved Hydrogen (H_2) - Used to confirm whether excess hydrogen is being produced in the subsurface. The formation of dissolved hydrogen is what drives reductive dechlorination. However, in most cases sampling for dissolved hydrogen has little value due to inherent difficulties in obtaining representative groundwater samples. Sampling and analytical methods for dissolved hydrogen have only recently been developed and the collection of representative samples can be difficult due to many potential sources of bias. Also, dissolved hydrogen has a

very short residence time. In general, it is more reliable to monitor biogeochemical indicators. Dissolved hydrogen is not typically analyzed during any of the monitoring events.

Ketones (2-butanone, acetone, etc.) - Used to evaluate the level of fermentation occurring in the reactive zone. Ketones are typically identified as part of a VOC analysis. They can be formed by hydrolysis reactions during fermentation. The formation of ketones is a positive indication of biological activity. Their presence is typically transient and limited to the vicinity of the amendment wells. Ketones are analyzed during process and performance monitoring and analysis for VOCs.

Bromide (Br^-) - Used to confirm groundwater flow direction and velocity as part of a tracer study. Bromide moves conservatively with groundwater (not easily retarded). Baseline sampling of a few wells is typically accomplished to establish a site-wide average. Bromide may be added to the injection fluid as a tracer to help determine velocity of the groundwater. Additional sampling for bromide will be done if a tracer is needed during ERD troubleshooting.

Turbidity - Physical parameter used to demonstrate adequate well development prior to sampling. Turbidity is always taken during sample collection using micro-purging techniques and flow-through cells to demonstrate sample stability. Samples collected using bailers and passive diffusion bags will not be tested for turbidity.

Conductivity - General water quality parameter used to demonstrate adequate well development prior to sampling. Conductivity can be used as a marker to track discrete groundwater flow systems. Conductivity is always taken during sample collection using micro-purging techniques and flow-through cells to demonstrate sample stability. Samples collected using bailers and passive diffusion bags will not be tested for conductivity.

Temperature - Physical parameter used to demonstrate adequate well development prior to sampling. Temperature is always taken during sample collection using micro-purging techniques and flow-through cells to demonstrate thermal stability. Samples collected using bailers and passive bags will not be tested for temperature.

Dissolved Oxygen (DO) - Used in conjunction with ORP to confirm the nature of the groundwater environment. DO concentrations less than 1 mg/L generally indicate an anaerobic environment. Accurate measurement of this parameter in the field is difficult due to many potential sources of bias. As stated in the previous section, a better indicator that an IRZ is being created is the presence of methane and molecular hydrogen, created through methanogenesis, and excess TOC. TOC and dissolved methane, a more direct indication that methanogenesis is occurring, will be measured instead of DO.

pH - Water quality parameter. Microbial processes are pH sensitive. The optimal pH range for reductive dechlorination is between 5.5 and 8.5. Localized, depressed pH is expected at the amendment wells. However, adequate buffering is necessary to guard against significant drops in pH within the down-gradient IRZ. Samples will be analyzed for pH during background, process, and performance monitoring to determine if the natural buffering capacity of the saturated interval needs to be enhanced by the addition of a buffer (bicarbonate).

ORP - Used in conjunction with DO to confirm the nature of the groundwater environment. ORP is a field measurement for characterizing oxidation-reduction processes. Accurate measurement of this parameter in the field is difficult due to many potential sources of bias. As stated in the previous section, a better indicator that an IRZ is being created is the presence of methane and

molecular hydrogen, created during methanogenesis, and excess TOC. TOC and dissolved methane, a more direct indication that methanogenesis is occurring, will be measured instead of ORP.

Dehalococcoides (Gene-Trac) – *Dehalococcoides* is the only isolated species known to fully dechlorinate trichloroethylene (TCE) and tetrachloroethylene (PCE) to ethene. The Gene-Trac *Dehalococcoides* assay is a semi-quantitative or quantitative assay (depending on how it is performed) which enumerates the population of *Dehalococcoides* at the sampled location. An additional assay looks for the vinyl chloride reductase gene, which encodes for the ability to dechlorinate vinyl chloride. The assay is reasonably sensitive and can detect concentrations as low as 200-300 bacteria/liter. The assay does not detect any other species or indicate whether the bacteria present are alive and active. Because *Dehalococcoides* is an obligate anaerobe and cannot tolerate high oxygen concentrations, sampling using this test at higher oxygen concentrations or when high levels of nitrate or sulfate are present is not recommended. Baseline sampling of a few wells is typically performed to establish a site-wide average. Further sampling for *Dehalococcoides* is only required for troubleshooting ERD.

Terminal Restriction Fragment Length Polymorphism (TRFLP) assay – This technique produces a semi-quantitative profile of the dominant bacterial species present in the groundwater. Changes in the dominant bacterial population are evident by changes in the abundance of fragments of a specific length. Fragment lengths can be compared against publicly accessible databases to provide probable species identities. The certainty of these identifications and quantifications increases with the number of restriction enzymes used. Turbidity in the sample may be preferable since many of the bacteria are expected to be associated with particles in the soil. Undesirable changes in population may suggest alterations to the amendment solution. Baseline sampling of a few wells is typically performed to establish a site-wide average. Further sampling for TRFLP is only required for troubleshooting ERD.

VOCs – Compounds targeted by ERD. Target volatile organic compounds (VOCs) are reduced in the properly engineered IRZ. Chlorinated compounds and their reduced daughter products are analyzed to ultimately determine the success of ERD in the saturated interval. VOC samples are collected and analyzed for baseline, process, and performance monitoring activities.

Monitoring Wells

In order to monitor the progress of ERD during remediation, baseline, process, and performance monitoring wells must be located in appropriate locations across the area of remediation. Baseline monitoring wells must be located to represent the average groundwater geochemical distribution across the site. Process monitoring wells must be located to determine TOC and pH conditions inside the IRZ intervals created by the amendment wells to enable control of the ERD process. Performance monitoring wells must be located to determine changes in geochemical condition created down-gradient of the injection process.

It is anticipated that 17 monitoring wells will be used to characterize baseline geochemical parameters of the saturated interval to be remediated. In order to reduce duplication of effort, the baseline monitoring wells will be part of the process and performance monitoring well network. This will enable comparison of baseline data to the process and performance data.

Process monitoring wells are wells placed inside the expected injection zone. A total of 10 process monitoring wells will be used to monitor the IRZ development process. Since the amendment wells are placed inside the expected injection zone, some of the amendment wells can

be used as process monitoring wells. The amendment wells to be used as process monitoring wells will be labeled PM-101 (a.k.a. AI-107), PM-102 (a.k.a. AI-112), PM-301 (a.k.a. AI-303), PM-302 (a.k.a. AI-312), PM-402 (a.k.a. AI-420), PM-601 (a.k.a. AI-601), PM-602 (a.k.a. AI-609), PM-901 (a.k.a. AI-905), and PM-1001 (a.k.a. AI-1008). One process monitoring well, labeled PM-401, is not an amendment well but is installed within the injection zone approximately 6 feet from amendment well AI-405.

Where possible, the performance monitoring wells will be placed up-gradient, cross-gradient, 50 days down-gradient, 100 days down-gradient, and 200 days down-gradient from five of the lines of amendment wells. The up-gradient performance monitoring wells will be labeled PERF-101, PERF-301, PERF-601, and PERF-901. A well could not be placed up-gradient from the Line 400 amendment wells due to an existing building. The cross-gradient performance monitoring wells will be labeled PERF-102, PERF-302, PERF-402 (a.k.a. MW-8), PERF-602, and PERF-902. The 50-day down-gradient performance monitoring wells will be labeled PERF-103, PERF-303, PERF-403, PERF-603, and PERF-903. The 100-day down-gradient performance monitoring wells will be labeled PERF-104, PERF-304, PERF-404, PERF-604, and PERF-904. The 200-day down-gradient performance monitoring wells will be labeled PERF-105, PERF-405, PERF-605, and PERF-905. A well could not be placed 200 days down-gradient from the Line 300 injection wells due to an existing building. Wells could not be placed 50, 100, and 200 feet down-gradient from Line 1000 because of the major highway located south of the property. A location to monitor the progress of the ERD down-gradient from the site will be addressed when access agreement(s) can be obtained with location approval from the RWQCB.

Baseline Monitoring

The baseline monitoring event is designed to establish pretreatment concentrations of parameters used to measure the establishment and progress of an ERD zone. As indicated in the previous section, the following parameters will be analyzed during baseline sampling:

TOC
Alkalinity
Phosphate
Nitrate/Nitrite
Manganese
Ferrous Iron
Sulfate/Sulfide
VOCs
pH
Dehalococcoides
TRFLP

The baseline samples will be collected from five of the process monitoring wells and five of the performance monitoring wells. The five process monitoring wells used will be PM-102 (a.k.a. AI-112), PM-301 (a.k.a. AI-303), PM-402 (a.k.a. AI-420), PM-601 (a.k.a. AI-601), and PM-901 (a.k.a. AI-905). The five performance monitoring wells used will be PERF-103, PERF-303, PERF-403, PERF-603, and PERF-903.

Modified short-list, baseline samples will also be collected from some of the performance monitoring wells. The short-list baseline sampling will include:

TOC
Ferrous Iron
Sulfate/Sulfide
VOCs
pH

The short-list baseline samples will be collected from performance monitoring wells PERF-104, PERF-304, PERF-404, PERF-405, PERF-604, PERF-904, and PERF-905.

Process Monitoring

After the first injection, process monitoring will be conducted approximately 2 weeks prior to each quarterly injection event. Also, immediately following the initial injection, process monitoring samples will be collected approximately 2 weeks, 4 weeks, and 8 weeks following the initial injection to confirm the IRZ has been established. If the sample analyses indicate additional process monitoring is required, process monitoring will be performed immediately following the second injection event. It is estimated that the IRZ will be stabile after two to three injections.

Process monitoring samples will be obtained and sent to a laboratory for TOC and pH analysis. The samples will be collected using a bailer without purging the well (grab bailer). ARCADIS believes this method is sufficient in determining the process monitoring parameters TOC and pH. In addition, the samples may also be analyzed for VOCs and light hydrocarbons to determine if ERD is occurring inside the reactive zone once the IRZ is established and stabile. The VOC samples will be collected using passive diffusive bag (PDB) samplers. The PDB samplers will be installed during the baseline sampling event. The PDB will be placed according to the procedure outlined in the following section. Samples collected for light hydrocarbon analysis (methane, ethane, and ethene) will be collected using a grab bailer.

Performance Monitoring

Performance monitoring will be conducted approximately 2 weeks prior to each injection event. The performance monitoring events will consist of a more comprehensive suite of analyses that includes TOC, pH, methane, ethane, ethene, and VOCs. Samples for these analyses will initially be obtained from the up-gradient, cross-gradient, and 50- and 100-day down-gradient performance monitoring wells. Once a 100-day down-gradient performance monitoring well indicates the presence of TOC, the corresponding 200-day down-gradient performance monitoring well will also be sampled during the next performance sampling event and the 50-day down-gradient performance monitoring well will no longer be sampled. Once the 200 day down-gradient performance monitoring well shows indication of an effective ERD, monitoring the up-gradient, cross-gradient, and 200-day down-gradient performance monitoring wells will be conducted until injections have been terminated.

The VOC samples will be collected using passive diffusion bag (PDB) samplers. The PDB samplers will be installed during the baseline sampling event. The PDB will be placed according to the procedure outlined in the following section. The TOC, pH, methane, ethane, and ethene samples will be collected using a grab bailer.

Sampling and Analysis Plan

Baseline samples will be collected prior to installation of the PDB samplers in the monitoring wells; therefore, baseline sampling protocol will be different from the process and performance sampling protocol.

During baseline sampling, monitoring wells will be gauged prior to collecting groundwater samples to determine static water levels and total well depth. Low-flow purging (less then 250 milliliters per minute) will be used to collect the samples. Low-flow purging is used to minimize disturbance to the groundwater in the well. Samples collected from each well will be tested for biogeochemical parameters using a YSI unit and fixed-base laboratory analyses. The YSI unit, together with a flow-through cell, will be used to measure pH, specific conductance, and temperature. Each well will be purged until pH, specific conductance, and temperature values stabilize to within ten percent for two consecutive readings. Groundwater samples will be collected for groundwater quality parameters, terminal electron acceptors, and degradation products. All samples to be analyzed for dissolved analytes, including metals, will be filtered in the field. Samples collected for laboratory analyses will be properly labeled and packaged in cooled ice chests at a temperature of approximately 4°C and delivered to a state-certified laboratory using standard chain-of-custody protocol. Table 1 contains the list of wells to be sampled and analyzed during the baseline sampling event. Table 1 also summarizes the sampling technique and analytical method to be used during sample collection and analysis.

Once baseline samples have been obtained, the monitoring wells will be fitted with passive diffusive bags (PDBs), set at the midpoint between the bottom of the well and the top of groundwater, as measured prior to obtaining the baseline samples. Each process and performance monitoring well that is not sampled during the baseline sampling event will be gauged to determine static water levels and total well depth. Once the depth and depth to water of the process and performance monitoring wells are determined, the monitoring wells will be fitted with PDBs set at the midpoint between the bottom of the well and the measured static groundwater level.

During process and performance sampling, monitoring wells will be gauged prior to collecting groundwater samples to determine static water levels. The PDBs will be retrieved and the groundwater transferred from the passive bags into appropriately labeled sample vials for VOC analysis. A disposable bailer will be lowered into the well to collect the grab samples for TOC, light hydrocarbon gases (methane, ethane, and ethene), and pH analysis. Samples collected for laboratory analyses will be properly labeled and packaged in cooled ice chests at a temperature of approximately 4°C and delivered to a state-certified laboratory using standard chain-of-custody protocol. Table 2 contains the list of wells to be sampled and analyzed during the process and performance sampling events. Table 2 also contains the sampling technique and analytical methods to be used during sample collection and analysis.

Summary

Table 3 indicates the expected baseline, process, and performance monitoring schedule.

The frequency, wells and points sampled, and the list of analyses may be changed based on the data collected during previous sampling events. Any changes and rationale for the changes will be presented in the subsequent report. This flexibility is necessary to assure that adequate, relevant water quality data is collected as the ERD progresses. Quarterly groundwater monitoring

will also be used to monitor the ultimate performance of the groundwater remediation program by recording the site-wide reduction in dissolved-phase VOC concentrations in groundwater. Quarterly groundwater monitoring activities are outlined in the approved "Groundwater Monitoring Plan" dated December 1, 2004, and focus on depicting the site-wide dissolved-phase VOC concentration.

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Tables

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TABLE 1

Baseline Sampling
Collection Technique and Analytical Method For Process and Performance Monitoring Wells
Former NASA Downey Facility
12214 Lakewood Boulevard, Downey California

Monitoring Well Number	Sampled (Yes / No)	Baseline Monitoring Type (Long List / Short List)	Sample Collection Technique	Lab Analysis and Method											
				VOCs	TOC	pH	Ferrous Iron	Sulfate	Sulfide	Alkalinity	Phosphate	Nitrate/Nitrite	Manganese	Dehalococcoides	TRFLP
				Analytical Method	Analytical Method	Analytical Method	Analytical Method	Analytical Method	Analytical Method	Analytical Method	Analytical Method	Analytical Method	Analytical Method	Analytical Method	Analytical Method
Process Monitoring Wells															
PM-101 (a.k.a. AI-107)	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PM-102 (a.k.a. AI-112)	Yes	Long List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	SM 2320B	EPA 365.3	EPA 300.0	EPA 6010B	Gene-Trac	TRFLP
PM-301 (a.k.a. AI-303)	Yes	Long List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	SM 2320B	EPA 365.3	EPA 300.0	EPA 6010B	Gene-Trac	TRFLP
PM-302 (a.k.a. AI-312)	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PM-401 (a.k.a. PM-401 D)	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PM-402 (a.k.a. AI-420)	Yes	Long List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	SM 2320B	EPA 365.3	EPA 300.0	EPA 6010B	Gene-Trac	TRFLP
PM-601 (a.k.a. AI-601)	Yes	Long List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	SM 2320B	EPA 365.3	EPA 300.0	EPA 6010B	Gene-Trac	TRFLP
PM-602 (a.k.a. AI-609)	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PM-901 (a.k.a. AI-905)	Yes	Long List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	SM 2320B	EPA 365.3	EPA 300.0	EPA 6010B	Gene-Trac	TRFLP
PM-1001 (a.k.a. AI-1008)	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Performance Monitoring Wells															
PERF-101 (a.k.a. MW-12)	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-102	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-103 (A and B)	Yes	Long List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	SM 2320B	EPA 365.3	EPA 300.0	EPA 6010B	Gene-Trac	TRFLP
PERF-104	Yes	Short List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	---	---	---	---	---	---
PERF-105	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-301	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-302	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-303	Yes	Long List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	SM 2320B	EPA 365.3	EPA 300.0	EPA 6010B	Gene-Trac	TRFLP
PERF-304	Yes	Short List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	---	---	---	---	---	---
PERF-402	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-403	Yes	Long List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	SM 2320B	EPA 365.3	EPA 300.0	EPA 6010B	Gene-Trac	TRFLP
PERF-404	Yes	Short List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	---	---	---	---	---	---
PERF-405	Yes	Short List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	---	---	---	---	---	---
PERF-601	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-602	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-603	Yes	Long List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	SM 2320B	EPA 365.3	EPA 300.0	EPA 6010B	Gene-Trac	TRFLP
PERF-604	Yes	Short List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	---	---	---	---	---	---
PERF-605	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-901	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-902	No	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PERF-903	Yes	Long List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	SM 2320B	EPA 365.3	EPA 300.0	EPA 6010B	Gene-Trac	TRFLP
PERF-904	Yes	Short List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	---	---	---	---	---	---
PERF-905	Yes	Short List	Low-Flow	EPA 8260B	EPA 415.1	Field Reading	SM 3500 Fe D	EPA 300.0	EPA 376.2	---	---	---	---	---	---

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TABLE 2

Process and Performance Sampling
Collection Technique and Analytical Method For Process and Performance Monitoring Wells
Former NASA Downey Facility
12214 Lakewood Boulevard, Downey California

Monitoring Well Number	Sampling Note (1 / 2 / 3)	Monitoring Type (Process / Performance)	Lab Analysis and Method								Comments
			TOC		pH		VOCs		Light Hydrocarbons (Methane/Ethane/Ethene)		Comments on sampling
			Sample Collection Technique	Analytical Method	Sample Collection Technique	Analytical Method	Sample Collection Technique	Analytical Method	Sample Collection Technique	Analytical Method	
Process Monitoring Wells											
PM-101 (a.k.a. AI-107)	**1**	Process	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**Grab Bailer**	EPA 8260B	**Grab Bailer**	NA - Microseeps	VOCs and Light Hydrocarbons analysis only prior to quarterly injections
PM-102 (a.k.a. AI-112)	**1**	Process	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**Grab Bailer**	EPA 8260B	**Grab Bailer**	NA - Microseeps	VOCs and Light Hydrocarbons analysis only for troubleshooting
PM-301 (a.k.a. AI-303)	**1**	Process	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**Grab Bailer**	EPA 8260B	**Grab Bailer**	NA - Microseeps	VOCs and Light Hydrocarbons analysis only prior to quarterly injections
PM-302 (a.k.a. AI-312)	**1**	Process	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**Grab Bailer**	EPA 8260B	**Grab Bailer**	NA - Microseeps	VOCs and Light Hydrocarbons analysis only for troubleshooting
PM-401 (a.k.a. PM-401 D)	**1**	Process	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**Grab Bailer**	EPA 8260B	**Grab Bailer**	NA - Microseeps	VOCs and Light Hydrocarbons analysis only prior to quarterly injections
PM-402 (a.k.a. AI-420)	**1**	Process	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**Grab Bailer**	EPA 8260B	**Grab Bailer**	NA - Microseeps	VOCs and Light Hydrocarbons analysis only for troubleshooting
PM-601 (a.k.a. AI-601)	**1**	Process	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**Grab Bailer**	EPA 8260B	**Grab Bailer**	NA - Microseeps	VOCs and Light Hydrocarbons analysis only prior to quarterly injections
PM-602 (a.k.a. AI-609)	**1**	Process	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**Grab Bailer**	EPA 8260B	**Grab Bailer**	NA - Microseeps	VOCs and Light Hydrocarbons analysis only for troubleshooting
PM-901 (a.k.a. AI-905)	**1**	Process	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**Grab Bailer**	EPA 8260B	**Grab Bailer**	NA - Microseeps	VOCs and Light Hydrocarbons analysis only for troubleshooting
PM-1001 (a.k.a. AI-1008)	**1**	Process	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**Grab Bailer**	EPA 8260B	**Grab Bailer**	NA - Microseeps	VOCs and Light Hydrocarbons analysis only for troubleshooting
Performance Monitoring Wells											
PERF-101 (a.k.a. MW-12)	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 100 is discontinued
PERF-102	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 100 is discontinued
PERF-103 (A and B)	**2**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	**- - -**
PERF-104	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 100 and 200 is discontinued
PERF-105	**3**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	**- - -**
PERF-301	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 200 and 300 is discontinued
PERF-302	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 300 is discontinued
PERF-303	**2**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	**- - -**
PERF-304	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 300 and 400 is discontinued
PERF-402 (a.k.a. MW-8)	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 600 is discontinued
PERF-403	**2**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	**- - -**
PERF-404	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 600 and 700 is discontinued
PERF-405	**3**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	**- - -**
PERF-601	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 500 and 600 is discontinued
PERF-602	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 600 is discontinued
PERF-603	**2**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	**- - -**
PERF-604	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 600 and 700 is discontinued
PERF-605	**3**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	**- - -**
PERF-901	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 800 and 900 is discontinued
PERF-902	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 900 is discontinued
PERF-903	**2**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	**- - -**
PERF-904	**1**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	Sampling to continue until injection into Line 900 and 1000 is discontinued
PERF-905	**3**	Performance	**Grab Bailer**	EPA 415.1	**Grab Bailer**	Field Reading	**PDB**	EPA 8260B	**Grab Bailer**	NA - Microseeps	**- - -**

Sampling Notes:
1 - Sampled at least 2 weeks prior to an injection event
2 - Sampled at least 2 weeks prior to an injection event until 100 mg/l concentration of TOC detected on 2 consecutive sampling events
3 - Sampled at least 2 weeks prior to an injection event once 100 mg/l concentration of TOC reported for upgradient Performance Monitoring Well
(e.g. after 100 mg/l TOC is reported in sample collected from PERF-104, PERF 105 will be be sampled during the following performance monitoring events)

ARCADIS

TABLE 3

Proposed Injection and Monitoring/Sampling Schedule
Former NASA Downey Facility
12214 Lakewood Boulevard, Downey California

First Year Injection and Monitoring/Sampling Schedule

Injection Line Number / Week	12-Sep-05	19-Sep-05	26-Sep-05	3-Oct-05	10-Oct-05	17-Oct-05	24-Oct-05	31-Oct-05	7-Nov-05	14-Nov-05	21-Nov-05	28-Nov-05	5-Dec-05	12-Dec-05	19-Dec-05	26-Dec-05	2-Jan-06	9-Jan-06	16-Jan-06	23-Jan-06	30-Jan-06	6-Feb-06	13-Feb-06	20-Feb-06	27-Feb-06	6-Mar-06	13-Mar-06	20-Mar-06	27-Mar-06	3-Apr-06	10-Apr-06	17-Apr-06	24-Apr-06	1-May-06	8-May-06	15-May-06	22-May-06	29-May-06	5-Jun-06	12-Jun-06	19-Jun-06	26-Jun-06	3-Jul-06	10-Jul-06	17-Jul-06	24-Jul-06	31-Jul-06	7-Aug-06
Line 100	Base-line		Inj #1		Pro		Pro			Pro				Pro Perf		Inj #2											Pro Perf		Inj #3											Pro Perf		Inj #4						
Line 200				Inj #1		Pro		Pro			Pro				Pro Perf		Inj #2											Pro Perf		Inj #3											Pro Perf		Inj #4					
Line 300	Base-line				Inj #1		Pro		Pro			Pro				Pro Perf		Inj #2											Pro Perf		Inj #3											Pro Perf		Inj #4				
Line 400																											Base-line		Inj #1		Pro		Pro			Pro				Pro Perf		Inj #2						
Line 500																											Base-line		Inj #1		Pro		Pro			Pro				Pro Perf		Inj #2						
Line 600																											Base-line		Inj #1		Pro		Pro			Pro				Pro Perf		Inj #2						
Line 700					Inj #1		Pro		Pro			Pro				Pro Perf		Inj #2											Pro Perf		Inj #3											Pro Perf		Inj #4				
Line 800					Inj #1		Pro		Pro			Pro				Pro Perf		Inj #2											Pro Perf		Inj #3											Pro Perf		Inj #4				
Line 900	Base-line			Inj #1		Pro		Pro			Pro				Pro Perf		Inj #2											Pro Perf		Inj #3											Pro Perf		Inj #4				
Line 1000	Base-line		Inj #1		Pro		Pro			Pro				Pro Perf		Inj #2											Pro Perf		Inj #3											Pro Perf		Inj #4					

Injection and Monitoring/Sampling Schedule After First Year

Injection Line Number / Month	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Line 100	Pro Perf	Inj #5		Pro Perf	Inj #6		Pro Perf	Inj #7		Pro Perf	Inj #8		Pro Perf	Inj #9		Pro Perf	Inj #10		Pro Perf	Inj #11		Pro Perf	Inj #12		Pro Perf	Pro Perf
Line 200	Pro Perf	Inj #5		Pro Perf	Inj #6		Pro Perf	Inj #7		Pro Perf	Inj #8		Pro Perf	Inj #9		Pro Perf	Inj #10		Pro Perf	Inj #11		Pro Perf	Inj #12		Pro Perf	Pro Perf
Line 300		Pro Perf	Inj #5		Pro Perf	Inj #6		Pro Perf	Inj #7		Pro Perf	Inj #8		Pro Perf	Inj #9		Pro Perf	Inj #10		Pro Perf	Inj #11		Pro Perf	Inj #12		Pro Perf
Line 400	Pro Perf	Inj #3		Pro Perf	Inj #4		Pro Perf	Inj #5		Pro Perf	Inj #6		Pro Perf	Inj #7		Pro Perf	Inj #8		Pro Perf	Inj #9		Pro Perf	Inj #10		Pro Perf	Pro Perf
Line 500		Pro Perf	Inj #3		Pro Perf	Inj #4		Pro Perf	Inj #5		Pro Perf	Inj #6		Pro Perf	Inj #7		Pro Perf	Inj #8		Pro Perf	Inj #9		Pro Perf	Inj #10		Pro Perf
Line 600		Pro Perf	Inj #3		Pro Perf	Inj #4		Pro Perf	Inj #5		Pro Perf	Inj #6		Pro Perf	Inj #7		Pro Perf	Inj #8		Pro Perf	Inj #9		Pro Perf	Inj #10		Pro Perf
Line 700		Pro Perf	Inj #5		Pro Perf	Inj #6		Pro Perf	Inj #7		Pro Perf	Inj #8		Pro Perf	Inj #9		Pro Perf	Inj #10		Pro Perf	Inj #11		Pro Perf	Inj #12		Pro Perf
Line 800	Pro Perf	Inj #5		Pro Perf	Inj #6		Pro Perf	Inj #7		Pro Perf	Inj #8		Pro Perf	Inj #9		Pro Perf	Inj #10		Pro Perf	Inj #11		Pro Perf	Inj #12		Pro Perf	Pro Perf
Line 900		Pro Perf	Inj #5		Pro Perf	Inj #6		Pro Perf	Inj #7		Pro Perf	Inj #8		Pro Perf	Inj #9		Pro Perf	Inj #10		Pro Perf	Inj #11		Pro Perf	Inj #12		Pro Perf
Line 1000	Pro Perf	Inj #5		Pro Perf	Inj #6		Pro Perf	Inj #7		Pro Perf	Inj #8		Pro Perf	Inj #9		Pro Perf	Inj #10		Pro Perf	Inj #11		Pro Perf	Inj #12		Pro Perf	Pro Perf

Base-line = Baseline sampling per Table 1
Inj #1 = Injection #1
Pro = Process sampling per Table 2
Perf = Performance sampling per Table 3

APPENDIX IV.F-4

Soil Remediation Action Plan

Soil Remedial Action Plan
Former NASA Industrial Plant
Downey, California

PREPARED FOR

International Risk Assumption
Downey, LLC
7991 Shaffer Parkway, #100
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List of Acronyms

BTEX	benzene, toluene, ethyl benzene, xylene
bgs	below ground surface
CCR	California Code of Regulations
COCs	contaminants of concern
cm^3	cubic centimeter
cfm	cubic feet per minute
CHHSLs	California Human Health Screening Levels
cis-1,2-DCE	cis-1,2-dichloroethene
cVOC	chlorinated volatile organic compounds
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethene
ft amsl	feet above mean sea level
GAC	granular activated carbon
GOCO	government-owned and contractor-operated
g/cm^3	grams per cubic centimeter
H&SP	Health and Safety Plan
in/yr	inches per year
IRAD	International Risk Assumption Downey
IRZ	*In-situ* Reactive Zone
J&E	Johnson and Ettinger
MCLs	maximum contaminant levels
MOB	medical office building
PCE	tetrachloroethene (aka perchloroethylene)
µg/kg	micrograms per kilogram
µg/l	micrograms per liter
NASA	National Aeronautics and Space Administration
O&M	operation and maintenance
PID	photo-ionization detector
PVC	polyvinyl chloride
ppb (v/v)	parts per billion (volume per volume)

ppmv	parts per million by volume
PRGs	preliminary remediation goals
QA/QC	Quality Assurance/Quality Control
RAOs	Remedial Action Objectives
RMSMP	Risk Management/Soil Management Plans
RAP	Remedial Action Plan
ROI	radius of influence
RWQCB	Los Angeles Regional Water Quality Control Board
Scfm	standard cubic feet per minute
SCAQMD	Southern California Air Quality Management District
SVE	Soil Vapor Extraction
TCLs	Target Cleanup Levels
TPH	total petroleum hydrocarbons
trans-1,2-DCE	trans 1,2-dichloroethene
TCE	trichloroethene
1,1,1-TCA	1,1,1-trichloroethane
USEPA	United States Environmental Protection Agency
VOCs	Volatile Organic Compounds

1.0 Introduction

This Remedial Action Plan (RAP) presents the selected remedy to address residual volatile organic compounds (VOCs) present in subsurface soil beneath two source areas on the former National Aeronautic and Space Administration (NASA) Industrial Plant located in Downey, California (Figure 1). The two source areas are the former locations of Buildings 244 and 287 on the northern portion of the project site (Figure 2). The Building 244 Source Area (includes the adjacent former Building 277) has undergone past remediation using soil vapor extraction (SVE), which was implemented under an Interim RAP prepared by Earth Tech, Inc. (Earth Tech) dated June 27, 2000 (Earth Tech 2000a). The RWQCB approved the Interim RAP in a letter to NASA dated March 20, 2001 (RWQCB 2001). Post-SVE sampling indicated that the soil had been adequately remediated down to 40 feet below ground surface (bgs)[1], which was approximately the estimated past high groundwater surface elevation level beneath the project site. On April 11, 2002, the RWQCB issued a letter requiring soil remediation at two additional areas at the NASA site: the Building 287 and Building 61 Source Areas. Earth Tech had previously implemented assessment activities at the Building 287 source area on behalf of NASA. During this assessment, VOCs were detected at concentrations requiring corrective action (Earth Tech 2000a, RWQCB 2001b, RWQCB 2002). Subsequently, ARCADIS performed a SVE pilot test on existing SVE wells associated with the Building 244 source area and new wells in the Building 287 source area. The pilot test was performed to determine design parameters for any future soil remedy efforts.

ARCADIS also performed a SVE pilot test on new wells in the Building 61 source area during the SVE pilot testing conducted in the other areas in 2004. A review of pilot test performance data indicated that remediation of the Building 61 source area was likely complete and ARCADIS subsequently collected confirmation samples. The results of this testing confirmed that the Building 61 source area has been adequately remediated, The results of the remediation and confirmation sampling of the Building 61 source area were summarized in the Building 61 Soil Closure Report that was submitted to the RWQCB in November 2004 (ARCADIS, 2004c).

This document proposes the continued use of the SVE remedy in the Building 244 and Building 287 source areas.

---

[1]All references to depths below ground surface refer to ground surface prior to site re-development.

2.0 Site Background Information

The following sections provide a site description and previous and current site uses. During the fourth quarter of 2003, the former NASA Industrial Plant facility property was transferred from NASA to the City of Downey, California. As part of this transfer, International Risk Assumption Downey, LLC (IRAD) entered into an Environmental Responsibility Assumption Agreement (ERAA) with the City of Downey under which IRAD assumed responsibility for conducting the required remediation of soil and groundwater impacted by past operations at the former NASA property. ARCADIS is under contract to IRAD to conduct the remediation and on-going groundwater monitoring activities.

2.1 Site Description and Location

Prior to transfer of the property, the site was divided into six parcels collectively covering an area of approximately 155 acres with a common address of 12214 Lakewood Boulevard located in the City of Downey, California. Following the transfer from NASA to the City of Downey, the property was transferred to three development companies. As of the preparation of this document, the southern portion of the development (Hospital Development) is using a new address of 9301 Imperial Highway while the northern portion of the development (Retail Development) is using a range of address from 12000 to 12074 Lakewood Boulevard. The central portion of the development (Studio Development) has retained the 12214 Lakewood Boulevard address. The site is bounded on the north by Stewart & Gray Road, on the west by Lakewood Boulevard, on the east by Bellflower Boulevard, and on the south by Imperial Highway. A site map showing the layout of the project site is included as Figure 2.

2.2 Current Site Uses

The project site is currently being developed by Downey Landing, LLC (Retail Development), Industrial Realty Group (Studio Development), and Kaiser Permanente (Hospital Development). The Retail Development has nearly been completed. The Studio Development has undergone renovation of the existing buildings to support the activities associated with supporting the film industry. The Hospital Development is ongoing with the first of two medical office buildings (MOB No. 1) completed and the construction of the hospital building underway. Completion of the Hospital Development is not expected until sometime in 2009.

2.3 Previous Site Uses

The project site was first developed in 1929 into a small aircraft manufacturing facility with associated airport. The United States Air Force acquired a portion of the property,

and the facility has been a Government-Owned/Contractor-Operated (GOCO) facility since the early 1950s.

3.0 Previous Environmental Assessments

There have been a number of assessment activities completed on the six parcels composing the project site. The former assessment activities discussed herein focus on the Building 244 and Building 287 source areas for PCE and TCE impacts to subsurface soil investigated by Earth Tech prior to the transfer of the property from NASA to the City of Downey. Although the impact of Freon-113 in soil gas in the area of former Building 61 (Figure 3) is outlined in the closure request report submitted to the RWQCB in November 2004 (ARCADIS 2004c), a brief summary of the past data collected by Earth Tech in the Building 61 area is also provided in this section of the Soil RAP.

3.1 Building 244 Source Area

Earth Tech completed an initial assessment of various past operations throughout the former NASA facility between February and March 1997 (Earth Tech 1997). The locations assessed were in response to the result of visual surveys of the site completed by Foster Wheeler (Foster Wheeler 1996, 1996a, 1996b, 1996c, 1999, 2000). Earth Tech collected soil samples from 35 locations, of which two were located in Building 244 Source Area (SB-10 and SB-11). Additionally, Earth Tech also completed a boring at Building 277 (SB-13) which was immediately adjacent to the eastern edge of Building 244. Collectively, the combination of past operations in Building 244 and Building 277 compose what is referred to in this document as the Building 244 Source Area.

Following this initial investigation, Earth Tech completed several borings within the Building 244 Source Area in March 1997, October 1997, May 1998, and August 1998 (Earth Tech 1999). These included the initial four soil vapor extraction wells (VW-01, VMP01, VMP02, and VMP03) and borings SB1 through SB15 and SB45 through SB48. Following these assessment activities, Earth Tech implemented three additional investigations in December 1999, January 2000 and April 2000 (Earth Tech 2000). The activities completed in the Building 244 Source Area included a soil gas survey, subsurface soil sample collection (HA-1 through HA-4), installation of groundwater monitoring well MW-11, and installation of the remaining soil vapor extraction wells (VW06, VW07, VW09, VW11, VW14, VW16, VW19, VW20, and VW22).

Between August 1998 and October 1999 three pilot tests were implemented to evaluate the use of SVE as a remedy for the residual VOCs encountered in the vadose zone soil in the Building 244 Source Area (Earth Tech 2002b). Full scale operation of the Earth Tech SVE system began on June 8, 2000 and operation continued until the

system was decommissioned in September 2003. In June 2000, Earth Tech prepared an Interim RAP to address the residual VOCs in the Building 244 Source Area using SVE. Final approval of the Interim RAP was granted by the RWQCB in March 2001 (RWQCB 2001). The RWQCB acknowledged in a letter to NASA dated March 21, 2001, that the data collected by Earth Tech during the pilot testing phase of the SVE system indicated SVE appears capable of achieving the calculated site-specific clean-up goals (RWQCB 2001a). In September 2003, soil confirmation samples were collected from six borings (CB1 through CB6) located within the SVE well network. Table 1 and Figure 4 present information related to the Earth Tech confirmation soil sample results (pre- and post remediation) and the location of the borings. The purpose of the confirmation sampling was to collect sufficient data to request closure for the Building 244 Source Area (Earth Tech 2004).

After the transfer of the property to the City of Downey, ARCADIS, IRAD, and the RWQCB staff met informally to discuss the site. During this meeting, the RWQCB indicated closure would likely be granted for shallow soil (soil between the surface and approximately 40 feet bgs), but not for deeper soil (soil between 30 feet and groundwater) without further remediation.

3.2 Building 287 Source Area

The initial assessment activities completed by Earth Tech in 1997 did not include Building 287 (Earth Tech 1997). In October 1999, Sump S-24, located at the base of the secondary containment structure used to house a series of dip tanks, was removed and closure soil samples were collected (Earth Tech 2000b). This sump was located at approximately 25 feet below past surface grade and three soil samples were collected from 24, 33, and 38 feet below past surface grade adjacent to the former sump. The compound TCE was detected in the soil samples at 90 µg/kg, 8.7 µg/kg, and 730 µg/kg, respectively. The compound 1,1,1-trichloroethane (1,1,1-TCA) was only detected in the sample collected at 24 feet below past surface grade at 72 µg/kg (Earth Tech 2000b). On January 31, 2000, the RWQCB requested additional assessment of the former sump location (Earth Tech 2001). Three borings (B-1, B-2, and B-3) were drilled adjacent to the former Sump S-24. Please refer to Table 2 and Figure 5 for a summary of the data collected during this investigation. In January 2002, Earth Tech drilled Boring SB-13, which was converted into monitoring well MW-16 (Earth Tech 2002) and reported a TCE concentration of 1,500 µg/kg at 45 feet bgs. In April 2002, the RWQCB requested soil remediation in the former sump area of Building 287. Earth Tech completed an assessment of this area and reported concentrations of adsorbed-phase VOCs (PCE and TCE) at levels high enough for the RWQCB to require remediation (Earth Tech 2002).

3.3 Building 61

The RWQCB requested additional soil gas sampling to define the extent of Freon 113 in the area of Building 61. Earth Tech completed the assessment of the area of Building 61, and reported soil vapor concentrations of Freon-113 at elevated levels (Earth Tech 2002). The soil gas results collected during this assessment activity indicated that the Freon-113 concentrations from surface to 30 feet bgs ranged from not detected at 1 µg/l to 1,400 µg/l. Remediation of the Building 61 source area conducted during the SVE pilot testing has been previously described in the Building 61 Soil Closure Report submitted to the RWQCB in November 2004.

4.0 Previous Remedial Action Activities

This section provides a summary of remedial action activities that have occurred at three locations of the Retail Development. The RWQCB indicated interest in three former building locations that consist of the aforementioned Buildings 244 and 287 along with former Building 61. The following sections are separated into those remedial actions implemented by NASA's former environmental consultant, Earth Tech, and those implemented by ARCADIS during the pilot testing effort completed in 2004.

4.1 Earth Tech Implemented Remedial Action Activities

A soil remediation system was installed on-site by NASA to remediate VOC impacted soil in the area of Building 244. The compound PCE was reported in the fine-grained shallow soil below 5 feet bgs. The highest PCE concentration, 1,000,000 µg/kg, was encountered at 15 feet bgs beneath Building 244 (Figure 4, Table 1). Subsequent investigations and pilot studies concluded that the most appropriate remedy for the VOCs in the vadose zone is in-situ SVE. Under the direction of the RWQCB, a SVE system was installed as the Interim Remedial Action. The extraction system consisted of a network of 13 triple-nested vapor extraction wells and above-ground conveyance piping to a 1,000 standard cubic feet per minute (scfm) vapor extraction and granular activated carbon (GAC) treatment system permitted by the South Coast Air Quality Management District (SCAQMD).

Through soil vapor extraction, Earth Tech estimated over 6,000 pounds of VOCs had been removed in the area of Building 244, and extracted vapor concentrations had been reduced from an initial concentration of 600 parts per million by volume (ppmv) to less than 20 ppmv. The operation of the SVE system by Earth Tech was terminated after approximately three years of operation. Confirmation soil samples were collected in the area of Building 244 by Earth Tech in September 2003 (Earth Tech 2004). Please refer to Table 1 and Figure 4 for information related to the Earth Tech confirmation soil sample results (pre- and post-remediation) and the location of the

borings. Although a significant mass of VOCs had been removed from the shallow soil during the operation of the SVE system, residual VOC mass remained at depths greater than 30 feet. Consequently, the RWQCB did not grant closure to the Building 244 area.

4.2 ARCADIS SVE Pilot Testing Activities

Due to delays in the demolition of the former NASA facility after the transfer of the property to the City of Downey, ARCADIS performed a SVE pilot test in the area of former buildings 61, 244, and 287(ARCADIS, 2005a). The objective of the pilot test was to evaluate the feasibility of addressing residual PCE and TCE in subsurface soil by continuing the SVE remedy in the Building 244 Source Area and expanding the SVE system to incorporate the Building 287 Source Area. The SVE system was also expanded to incorporate the Building 61 area to address the residual Freon-113 detected in past soil gas investigations. The remediation data collected in the area of Building 61 was reported to the RWQCB and it was concluded that no further action was required in this area (ARCADIS 2004c). The results of the pilot testing in the Building 244 and Building 287 areas was reported to the RWQCB in the *Building 244 and 287 Vapor Extraction Pilot Test Report, Downey Landing Retail Redevelopment Project Area, Former NASA Downey Industrial Plant, Downey, California* (SVE Pilot Test report) (ARCADIS, 2005a).

Prior to conducting the pilot test and based on review of past operational and analytical data from soil borings, ARCADIS installed four new dual-nested SVE wells (AVW-4, -5, -6, and -7) in the Building 287 area to target the former sump in the northeast corner of the building (Figure 3). The SVE pilot test was conducted from March 22, 2004 to August 12, 2004. The SVE wells utilized for the ARCADIS pilot testing activities included four existing triple-nested wells in the Building 244 Source Area (VMP-01, VW-6, VW-7, and VW-14)[2] and four new dual-nested SVE wells (AVW-4,-5,-6, and -7) in the Building 287 Source Area to target the former sump in the northeast corner of the building. Please refer to Figure 3 for the location of the SVE wells. The new SVE wells were screened from 15 to 30 feet bgs and from 35 to 50 feet bgs. An SVE system, consisting of a 350 cubic feet per minute blower skid with three, 1,000-pound GAC vessels was procured to extract and treat the soil vapors impacted with chlorinated VOCs.

During the pilot testing, ARCADIS collected system operational data (e.g., system and wellhead extraction flow rates and vacuum, extracted vapor concentrations) to assess and optimize system performance and to estimate VOC mass removed in the Building

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[2] These wells were screened from 5-15, 20-32, and 35-45 feet bgs.

244 and 287 areas, estimate the radius of influence of the vapor extraction wells in these areas for extrapolation to future full-scale operation, and determine the level and trend in VOC removal rates. This operational data was included in the SVE Pilot Test report.

Radius of influence (ROI) testing was conducted concurrently in both the Building 244 and 287 source areas for both the deep zone SVE wells and shallow zone SVE wells (the areas were separated enough such that they did not influence each other). The extraction wells used were VMP-01 (Building 244 area) and AVW-7 (Building 287 area) (Figure 3). Vacuums were applied to these wells for 18 to 20 hours to obtain stabilized vadose zone conditions. Using a graphical approach, which compares the log of the vacuum influence to the distance from the extraction well, the ROI was then estimated to be the distance from the test wells where one percent of the applied vacuum (at the test well) was measured (Johnson, P.C., et al. 1990).

Table 3 shows a summary of the results of the SVE pilot testing, including the results of the ROI testing, extraction flow rates and VOC concentrations and mass removed. During the pilot test, the individual control valves for the extraction wells were adjusted in order to optimize mass removal; therefore, no conclusions regarding declining vapor concentration due to mass removal can be made from the VOC analyses.

5.0 Environmental Setting

The following sections provide information regarding regional and site-specific hydrogeology and site-specific water quality data collected during the 2002 groundwater sampling events.

5.1 Regional Hydrogeology

The project site is located at the southern end of the Montebello Forebay of the Central Groundwater Basin situated within the Downey Plain (DWR 1961). The channel of the Los Angeles River is located approximately 2.5 miles to the west, and the channel of the San Gabriel River is located approximately ¾-miles to the east of the project site. The channel of the Rio Hondo River intersects the Los Angeles River approximately 2.5 miles to the northwest of the project site. Regional groundwater movement measured in wells with screens situated at depth is estimated to be to the south-southwest (LACDPW 1994). Stratigraphic cross-sections developed by the Department of Water Resources (DWR) suggest that the project site is underlain by recent alluvium composed of undifferentiated fine-grained materials followed by coarser-grained materials referred by the DWR as the Gaspur Aquifer (Figure 7). This unit is underlain by the Lakewood Formation, which is composed of the Artesia Aquifer and Gage Aquifer. This formation is underlain by the San Pedro Formation, which is composed of the Hollydale, Lynwood, and Silverado aquifers (DWR 1961).

5.2 Site Hydrogeology

The stratigraphic information generated in prior investigations (Figure 6) suggests that the site is underlain from the surface to approximately 50-feet bgs with fine-grained sediments consisting of interbedded silty sand, sandy silt, clayey silts, and silty clay. This interbedded fine-grained unit is underlain to approximately 130-feet bgs by a fine to medium-grained sand with occasional medium- to coarse-grained sand and fine gravel. This sandy unit is underlain by silt to the maximum depth investigated to-date (135-feet bgs). First encountered groundwater is situated within this sandy unit. However, historical water elevation data collected from on-site monitoring wells and off-site LACDPW monitoring wells suggest that groundwater elevation could have been 10- to 20-feet higher in the past (Appendix A). Groundwater elevation data collected by Earth Tech in the fourth quarter 2002 (Earth Tech 2003) suggests that the depth to groundwater beneath the project site is between 48 and 56 feet bgs, with a range in groundwater surface elevation of 44.58 to 48.06 ft above mean sea level (amsl). The Earth Tech data suggests that groundwater flows to the south-southwest at an estimated gradient of 0.001 feet per foot. The direction of groundwater flow is depicted on Figure 8 and a summary of groundwater site elevation data is provided in Table 4.

5.3 Site Conceptual Model

A conceptual site model was developed from the available regional and site-specific stratigraphic and hydrogeologic information. The site is located within the Central Groundwater Basin between the Los Angeles and San Gabriel Rivers (Figure 9). The site is underlain from the surface to approximately 50 feet bgs with interbedded very fine sand and silt. This unit is underlain by a fine to coarse grain sand unit that is commonly referred to as the Gaspur Aquifer. This unit represents the shallowest groundwater zone beneath the project site. The base of this unit was defined at two boring locations converted to monitoring wells MW-26D and MW-27 at a depth of approximately 135 feet. Please refer to Figure 7 for information on the stratigraphy observed at these well locations. Groundwater flows in a southerly direction at a velocity of 0.3 to 0.5 feet per day (ARCADIS 2005b). Please refer to Figure 10 for a conceptual 3-D cross sectional view of the subsurface beneath the project site.

Two sources of chlorinated VOCs (cVOCs), Building 244 and 287 Source Areas, situated on the up-gradient portion of the project site have been identified as impacting the Gaspur Aquifer. An additional potential source has also been inferred on the down gradient (southern) portion (Hospital Development) of the project site. Although numerous investigations have been implemented to identify this potential source, no source has been identified to date.

As indicated on Figure 7, there appears to be an off-site up-gradient source of cVOCs that has affected the Gaspur Aquifer beneath the project site. The apparent up-

gradient source is the former Astro Pac facility located approximately 1,000 feet north of the site. There also appears to be an additional off-site source of cVOCs that has affected the Gaspur Aquifer along the eastern edge of the Hospital Development (Figure 10). The down gradient extent of the cVOC groundwater plume south of the site has not been defined as of the preparation of this document.

6.0 Soil Remedial Action Objectives

This section presents proposed soil remedial action objectives (RAOs) for the VOCs in the vadose zone beneath the former NASA Downey site. The development of the RAOs is primarily based upon protection of human health since the Site is located in a highly urbanized area where no significant ecological receptors have been identified.

6.1 Background/Previous Site Risk Analyses

The cleanup of the Site focuses on impacted soils beneath former source areas and the shallow groundwater. Interim remedies have been performed or are currently underway for both media (soil and groundwater). The soil interim remedies undertaken to date for the two source areas consisted of in-situ soil vapor extraction. An interim remedy consisting of an In Situ Reactive Zone (IRZ) program (ARCADIS 2005b) is currently underway to remediate the shallow groundwater, under an Interim Remedial Action Plan approved by the RWQCB (RWQCB 2003, 2005). Groundwater cleanup objectives have not been established for the site and will be developed during the preparation of the final groundwater RAP. It is anticipated that groundwater cleanup objectives will allow for residual VOC concentrations that exceed state maximum contaminant levels (MCLs), since no receptors have been identified for the underlying groundwater and groundwater migrating onto the Site is significantly impacted (VOC concentrations exceeding at least 20 times the MCL) due to up-gradient VOC sources.

ARCADIS issued a Risk Management/Soil Management Plan (RMSMP) to address potential soil impacted with contaminants of concern (COCs) encountered during excavation and re-development activities in the area of the retail development (ARCADIS, 2004). The RMSMP, which was approved by the RWQCB (RWQCB 2004), established a pre-approved protocol for proceeding with the implementation of contingency actions necessary to address previously unidentified impacted soil areas discovered during re-development activities. The RMSMP contained Target Cleanup Levels (TCLs) using a simple human health risk analysis for indoor air exposure and EPA Region IX Preliminary Remediation Goals (PRGs) for future commercial workers in the retail development area where the Building 244 and Building 287 source areas are located. The RMSMP also included preliminary leaching to groundwater evaluations using the RWQCB attenuation factors guidance document and developed a site-wide Soil Screening Level (SSL) for TCE and PCE.

The TCLs calculated for the vadose zone pathways in the RMSMP were determined based on various routes of potential exposure (i.e. inhalation, dermal contact, ingestion) and site-specific characteristics. Table 5 summarizes the TCLs calculated for the site. Section 6.4 discusses the vadose zone pathway results for the site in more detail. The vadose-zone TCLs developed in the RMSMP are considered protective of human health.

6.2 Contaminants of Concern in Site Soils

As discussed in the RMSMP, the primary COCs encountered in Site soils include TCE, PCE, 1,1,1-TCA and TPH. Secondary COCs that have been occasionally reported included 1,1-DCA, 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, and BTEX. Analyses for CCR Title 22 metals indicated that concentrations were below 10 times the CCR Threshold Limit Concentrations. The two components detected most frequently and in the highest concentrations are TCE and PCE, which, due to their prevalence and toxicity, pose a higher health hazard than the other COCs at the Site. The development of RAOs for the Site soils focuses on TCE and PCE.

6.3 Source Areas

Environmental site investigations have identified two source areas, Building 244/277 and Building 287, also referred to as the Building 244 Source Area and Building 287 Source Area, which the RWQCB determined to require active soil remediation (Figure 2). To date, soil remediation in the Building 244 source area has been conducted to a depth of 40 feet bgs, which was the approximate depth to groundwater during the timeframe (late 1990s early 2000s), using SVE. As discussed in Section 3, soil analytical data obtained from before and after SVE operation by Earth Tech was collected in the Building 244 Source Area. In the timeframe after the SVE system at the Building 244 Source Area was installed by Earth Tech, groundwater elevations beneath the Site have dropped between 10-15 feet, exposing VOC-impacted soils that were formerly in the capillary fringe or saturated zone. A comparison of Table 1 and the TCLs presented in Table 5 indicates that the shallow soils have been remediated in this area to below the TCLs, but that the exposed former saturated zone still contains VOC concentrations in excess of one or more of the TCLs. Table 2 presents soil analytical data collected prior to the SVE pilot test well installation for the Building 287 Source Area and indicates several samples exceeded one or more of the TCLs for TCE shown in Table 5. Additional SVE is currently being implemented to address these residual impacts in both the Buildings 244 and Building 287 source areas.

6.4 Vadose Zone Risks

This section provides a brief discussion of the construction/maintenance worker and indoor worker risk scenarios.

6.4.1 Construction/Maintenance Worker Exposure Analysis

A potentially complete and significant exposure pathway has been identified for hypothetical construction/maintenance workers, which may be exposed to inhalation of vapors in outdoor air, inhalation of dust in outdoor air, dermal contact with soil, and incidental ingestion of soil. The PRGs set by USEPA Region 9 for soil in an industrial setting are compatible with the COCs and exposure pathway identified for the construction/maintenance worker. Region 9 PRGs are risk-based concentrations used for estimating cleanup levels combining current USEPA toxicity values with standard exposure factors to estimate contaminant concentrations in environmental media (soil, air, water) that the agency considers protective of humans over a lifetime. The Region 9 PRGs for PCE, TCE and 1,1,1-TCA in soil deemed for industrial activities are 1.3, 0.11, and 1,200 milligrams per kilogram (mg/kg) respectively. The exposure mechanisms for the PRGs typically assume that the soils are disturbed to allow dermal exposures, incidental ingestion or dust inhalation and are therefore considered in this analysis as a screening level for shallow soils only (less than 10 feet).

6.4.2 Indoor Worker Exposure Analysis

A potentially complete and significant exposure pathway is the inhalation of vapors in indoor air by the on-site indoor commercial/industrial worker. The Johnson and Ettinger (J&E) model for subsurface vapor intrusion into buildings was used in the RMSMP to evaluate acceptable soil concentrations of PCE, TCE, and 1,1,1-TCA for protecting occupants (in the RMSMP these were future workers at the retail site) against exposure to these vapors in indoor air. The J&E model, and site-specific assumptions and results, are discussed in the RMSMP (ARCADIS, 2004). Table 5 includes the TCLs resulting from the J&E model for the future workers included in the RMSMP. As shown in Table 5, soil TCLs of 380 and 230 µg/kg for PCE and TCE, respectively, would provide adequate protection of the indoor air pathway for onsite workers, and additional indoor air exposure assessment is therefore not proposed.

Recently, California Human Health Screening Levels (CHHSLs) were developed to assist in the evaluation of human health risks based on soil, soil gas, and indoor air concentrations (Cal/EPA, 2005). The CHHSLs do not consider site-specific characteristics and are not meant to be used as final cleanup or action levels. The CHHSLs for soil gas for TCE and PCE are 1.77 milligrams per cubic meter (mg/m^3) and 0.603 mg/m^3, or 0.32 parts per million by volume (ppmv) and 0.088 ppmv, respectively. These levels are for soil gas samples collected within the upper 5 feet of soil beneath any structures.

The J&E model uses site-specific soil data to determine soil and soil gas concentrations that would be protective of human health, which is the preferred methodology for evaluating the effectiveness of the implementation of the soil remedy

being used at the former NASA facility. If needed, the J&E model, which uses site specific characteristics, will be used to determine screening levels for soil gas concentrations to indicate the need for any additional health risk based analysis to be performed.

6.5 Leaching to Groundwater

The groundwater pathway and cleanup level will be evaluated during the preparation of the groundwater RAP. Drinking water in the Site vicinity is supplied by the City of Downey, and supplemented by the Metropolitan Water District, and, although designated as a municipal source in the Regional Water Quality Control Board's Basin Plan, groundwater at the Site is not likely to be used as a drinking water supply. Further, groundwater at the Site is not likely to mix with groundwater pumped for potable or industrial water supply. Therefore, exposure to constituents in groundwater as a drinking water source is not likely to be a complete pathway at this Site. The nearest active domestic water supply well, City of Downey Well Number 30, is located approximately 500 feet southwest of the site and is reportedly perforated from 384 to 394 feet, 517 to 534 feet, and 577 to 620 feet bgs.

In addition to the above, shallow groundwater migrating onto the Site is significantly impacted with VOC concentrations exceeding at least 20 times the MCL due to up-gradient VOC sources. Although Site groundwater will be remediated via the recently implemented interim groundwater remedy, continuing future migration of VOC-impacted water from up-gradient sources will make it infeasible to remediate the shallow groundwater to levels near of below the MCLs. Since groundwater remedial objectives have not yet been established for the Site, a soil screening level for protection of groundwater can not be developed at this time.

ARCADIS has therefore performed a fate-and-transport analysis to determine the significance of leaching of VOCs from the vadose zone soils from the most impacted area (beneath former Building 244) into the shallow groundwater considering the existence of long term up-gradient sources. Appendix B presents the objectives, methodology, input assumptions and results of the leaching analysis, which is summarized below.

6.5.1 Leaching Analysis Objectives and Methodology

The main objective of the leaching analysis is to evaluate whether residual soil impacts in the vadose zone at the Site may contribute significantly to VOC impacts in underlying groundwater once the groundwater remedial objectives have been met via the approved groundwater interim remediation program. A secondary objective is to determine if additional soil remediation via SVE is necessary to protect the shallow groundwater. As discussed previously, the significance of the leaching from the

vadose zone should be interpreted within the context of the continued presence of up-gradient source(s) that will continue to impact shallow groundwater migrating onto the Site over the longer term.

ARCADIS used the simulation program VLEACH, a publicly available simulation program developed by the USEPA, Region IX, to develop a numerical model to evaluate the potential leaching of residual contaminants from vadose zone soils. The input for the model simulations is based on site-specific hydrogeologic, physical and chemical data. The contaminant mass flux was used to determine constituent loading to the underlying groundwater flow system over time. The VLEACH model simulates vertical transport by advection in the liquid phase toward the water table and by gaseous diffusion in the vapor phase to the atmosphere. Transport is attenuated or slowed only by adsorption or partitioning to soils. The model does not simulate degradation (physical or biological) or liquid-phase dispersion, thus providing a conservative estimate of the contaminant mass flux to underlying groundwater. The major components of the VLEACH modeling performed by ARCADIS are:

- Development of a conceptual model of the vadose zone source areas.
- Construction of a transport model for the vadose zone.
- Calculation of future constituent loading from the vadose zone to the groundwater. A sensitivity analysis is included in the calculations to determine the effect of varying vadose zone recharge rates.
- Evaluation of incremental future changes in groundwater concentrations from constituent loading via groundwater recharge.

To calculate the resulting concentration in the underlying groundwater, a conceptual box model was developed to estimate increases in groundwater concentrations from the contaminant flux leaching from the vadose zone. This box model calculates the total concentration in the groundwater based on the mass flux estimated from VLEACH model simulations and the total flow in the groundwater system (groundwater flow and recharge).

The model conceptualization, assumptions, and limitations are discussed in detail in Appendix B.

6.5.2 Model Inputs

The residual impacts beneath the Building 244 Source Area are much higher than those for the Building 287 Source Area (please refer to Appendix B, Tables B-1 and B-2). The VLEACH modeling has therefore conservatively been based upon data from the Building 244 Source Area. Physical properties for the COCs are obtained from the VLEACH documentation. Geotechnical parameters were based upon site-specific

testing data. Table 6 presents average values of geotechnical parameters calculated from soil testing data obtained from 10 soil samples from Parcel I, which encompasses Buildings 244 and 287.

6.5.3 Summary of Building 244 Model Results

Figure 11 presents a summary of the estimated PCE mass loading to the groundwater over time. The VLEACH simulation indicates that the total PCE mass leaching from the soil is approximately 730 grams per year. By using the box model defined in the previous section, this mass loading value results in a maximum PCE concentration in the underlying groundwater of 7.8 • g/l. This concentration would decline at a fairly uniform rate of approximately 15 percent per year during the first ten years of simulation and it decreases to a 5 percent decline after 30 years.

The most important data input parameter which affects model predictions is precipitation recharge. The annual groundwater recharge rate used for the VLEACH analysis was 12 inches per year (in/yr). This value is reasonable considering local climatic conditions. A sensitivity analysis was performed to quantify the effects of increasing and decreasing precipitation recharge. If recharge was 30 in/yr (a higher value due to irrigation practices), the maximum PCE concentration leaching to the groundwater would be 9.6 • g/l but would decrease more rapidly due to additional flushing caused by the higher assumed recharge rate (Figure 11). This maximum mass loading value is only 22% higher than the predicted maximum groundwater loading when recharge is 12 in/yr even though recharge is 150 % higher. This analysis indicates that the maximum mass loading is moderately sensitive to significant changes in precipitation recharge. Natural climatic variability or irrigation practices will therefore not significantly affect constituent leaching.

6.5.4 Estimated Groundwater Concentration Increases due to Leaching from Soils

The modeling indicates that the residual PCE concentrations in samples collected from the vadose zone soils near former Building 244 (Earth Tech collected the samples upon cessation of SVE in 2003) slightly increase groundwater concentrations by a maximum of 7.8 to 9.6 • g/l above background levels, depending on the recharge rate assumptions. More importantly, this increase is temporary and within 4 to 6 years the concentrations will have decreased to less than 5 • g/l above background, indicating that the current residual PCE concentrations in the Building 244 Source Area soils is no longer significantly contributing as a source of PCE to groundwater.

6.6 Proposed Soil RAOs

Modeling conducted with VLEACH indicates that the PCE impacts in the Building 244 Source Area subsurface soil before the start of the SVE system by ARCADIS would

cause temporary increases in groundwater concentrations slightly over 5 μg/l above background. Groundwater action levels have not yet been established for the site, but will need to take into consideration that groundwater entering the site is already impacted by up-gradient sources to levels exceeding 200 μg/l. In comparison to the concentrations in groundwater coming onto the site, an increase of 5 μg/l (or much less once the SVE has been completed) can be considered insignificant. In addition, the assumptions inherent in VLEACH and the parameters selected for this analysis are extremely conservative.

Based on previous risk analyses for vadose zone pathways, residual PCE and TCE TCLs of 380 and 230 µg/kg, respectively, will provide conservative protection of the indoor air pathway. The industrial PRG of TCE (110 µg/kg) is more conservative for shallow soil (<10 feet bgs) exposures and is proposed to be used as the TCL for these soils.

As indicated in Table 1, the reduction of PCE concentrations in soil to below the TCL for PCE was generally achieved in soils above 40 feet bgs (within the completed SVE interval). ARCADIS therefore proposes to perform SVE with wells completed across the impacted interval in both the source areas until asymptotic removal rates are achieved and rebound testing shows that SVE is no longer viable. Post-SVE confirmation samples in the most impacted areas beneath Buildings 244 and 287 source areas will be used to determine that PCE and TCE have been removed to levels that are below their respective TCLs of 380 and 230 µg/kg for the vadose zone pathways. In conjunction with the post-SVE soil sampling, soil gas sampling will also be performed to confirm the soil gas remaining in the source areas do not pose a human health risk to the construction/maintenance worker at the site. The rebound data collected from the SVE wells will be compared to the screening levels established with the J&E model screening levels; if the rebound concentrations are below the screening levels, additional soil gas sampling will not be conducted. If the rebound data indicates residual soil gas concentration at depth are above the J&E soil gas screening levels, soil gas sampling within the upper 5 feet of soil will be conducted.

7.0 Proposed Soil Remedy

7.1 Background

Based on operational data from the previous SVE system operating in the Building 244 area, and analytical data from soil borings, ARCADIS performed a pilot test in the Building 244 and Building 287 areas. The pilot scale system was designed to extract as much VOC mass as possible in the short window of opportunity available in the site construction schedule. Additionally, the pilot SVE system was used to collect full-scale SVE system design data to address residual VOC-impacts to subsurface soil in the areas associated with Building 244 and Building 287.

7.2 Proposed SVE Well Locations, Well Spacing, and Construction

The results of the SVE Pilot Test showed an estimated ROI of at least 50 feet for each of the test wells for both the shallow and deeper zones (Table 3), using the graphical approach described above. The graphical approach to ROI determination is used as a guide to design well spacing of the extraction well field. In addition to this approach, vapor flow rates through the target vadose zone intervals must also be considered in the final design. In order to improve the extraction efficiency, ARCADIS proposes using 40-foot spacing between extraction wells and converting extraction wells to passive injection wells to increase the vapor flow rate through the targeted interval once extracted vapor concentrations decline for the perimeter extraction wells.

7.2.1 Building 244 Area

Prior to initiating the pilot test, a request for closure of the soil in the area associated with Building 244 was submitted to the RWQCB by NASA. Although the RWQCB acknowledged that NASA's remediation efforts had adequately treated shallow soils, the request for closure was denied due to residual VOC concentrations remaining within the vadose zone at depth (between 40 and 50 feet bgs). Results from vapor samples collected during the pilot test from the Building 244 extraction wells verified the existence of residual VOC mass. Process monitoring of the extracted vapors during the pilot test indicated that the SVE system was successful in removing VOC mass. However, PID readings collected with field instruments indicate that VOC mass remains in the vadose zone in the deeper screened extraction wells. ARCADIS recommends installing SVE wells at 40-foot spacing throughout the identified Building 244 VOC plume area. The SVE wells will be constructed with slotted PVC piping from 40 to 55 feet bgs to concentrate extraction in the Building 244 area to the vadose zone deeper than 40 feet.

7.2.2 Building 287 Source Area

For the Building 287 area, results from vapor samples collected from the extraction wells indicated the presence of VOC concentrations in the vadose zone. Process monitoring of the extracted vapors indicate that the SVE system was also successful in removing VOC mass in this area. PID readings from the extracted vapors of individual wells indicate a declining trend in VOC concentrations, but have not reached asymptotic low conditions. Vapor extraction has been successful in removing VOC mass, and is the recommended treatment option to remove the remaining VOC mass. ARCADIS recommends installing dual nested SVE wells at 40-foot on center spacing throughout the identified VOC plume area. The dual-nested SVE wells will be completed with the shallow string constructed with slotted PVC piping from 20 to 35 feet bgs and the deep string constructed with slotted PVC piping from 40 to 55 feet bgs.

7.2.3 Proposed SVE Well Locations

From this data it was determined that the following SVE wells would be required:

- Six single-nested SVE wells in the Building 244 area (AVW-8, AVW-9, AVW-10, AVW-11, AVW-12, and AVW-13); and
- Six dual-nested SVE wells in the Building 287 (AVW-14, AVW-15, AVW-16, AVW-17, AVW-18, and AVW-19).

Please refer to Figure 12 for the layout of the proposed SVE well system. All wells will be installed with the capability to act as an air infiltration well.

7.3 Proposed System

The site has two source areas to be remediated using SVE – former Building 244 Source Area and former Building 287 Source Area. Both areas will be combined with a single header line and the combined vapor stream will be extracted and treated using the same equipment.

The Building 244 area SVE well system will include 6 single-nested vapor extraction wells designed for a vapor extraction rate of 20 to 30 scfm per well. Former Building 287 area soil vapor extraction wells system will include 6 dual-nested vapor extraction wells designed for a vapor extraction rate of 20 to 30 scfm per well. The vacuum necessary at the extraction wells will be at least 50 inches of water vacuum.

The vapor extraction system previously operated in these two areas terminated with a total extracted vapor concentration of less than 50 ppmv. Slightly higher concentrations are expected from this system due to focusing the extraction in the deeper interval in the Building 244 area.

The extracted vapor collection piping system (the piping from the extraction wells to the treatment compound) is designed to have less than 10 inches of water pressure drop. The extraction wells will be individually piped to an extraction vault (one in each remediation area) where control valves to adjust individual extraction well vacuum/flow rate will be housed. The extraction vaults will be piped to one 6-inch main header line connecting the vaults to the treatment compound housing the extraction and treatment system.

A 300-scfm skid-mounted SVE system with positive displacement-type extraction blower and carbon adsorption treatment system will be permitted and installed to extract and treat vapors from the SVE wells. Included in the SVE system will be a water knockout system to capture any entrained water collected in the gathering line

system. The extraction blower will be sized for a maximum flow rate of 300 internal cubic feet per minute at 6 inches of Hg vacuum.

The extracted vapor treatment system will use three activated carbon vessels, connected in series, to meet discharge requirements and to maximize adsorptive capacity of the carbon. Activated carbon adsorption is considered Best Available Control Technology for the vapor-phase VOCs encountered at this site. The activated carbon vessels will each have a minimum of 1,000 pounds of vapor-phase carbon and shall meet SCAQMD specifications.

An equipment location drawing is included as Figure 12. A process flow diagram is included as Figure 13.

Data collected during the pilot test indicate the following individual VOC concentrations for the proposed extracted vapor stream initially:

- Acetone - 3.4 ppmv
- Perchloroethylene (PCE) - 17.5 ppmv
- 1,1,1-Trichloroethane (1,1,1-TCA) - 1.3 ppmv
- Trichloroethylene (TCE) - 41 ppmv

7.4 Operation and Maintenance (O&M) Activities

The SVE system is designed to operate continuously and unattended except for routine monitoring and maintenance of the blower, activated carbon vessels, and well field piping systems. At least one visit per week for O&M are planned to monitor system operation and collect extraction well data. Vapor samples (influent and effluent) will be collected monthly and submitted for laboratory analysis for VOCs. Monitoring records and vapor sample collection will comply with all operational conditions set forth in the SCAQMD permit.

During O&M activities, the following operating parameters will be recorded:

- SVE blower flow rate and vacuum
- SVE blower inlet and effluent temperatures
- SVE blower effluent pressure
- Activated carbon adsorption system influent, intermediate, and effluent VOC concentrations (measured with a calibrated PID)
- System inspection checklist and calibration records

Individual wellhead extracted vapor concentrations, measured with a calibrated PID, and applied vacuum readings will be obtained and recorded monthly from the operating extraction wells. Individual wellhead extracted vapor samples will be collected and analyzed by a State-certified laboratory for VOCs from the operating extraction wells quarterly to determine individual vapor concentration decline rates.

Operational data will be reviewed and analyzed by ARCADIS' engineering staff, and will be utilized to target higher concentration areas or zones to optimize SVE operation. Sufficient wellhead data will be collected (VOC measurements, flow rates, and vacuum levels) to evaluate each target area and to evaluate the VOC mass removed by the SVE system. The data will also be used to evaluate certain target areas or zones, and to determine whether further vapor extraction efforts will be required. In addition, passive air infiltration will be used to further optimize VOC mass removal rates for both areas.

7.5 Reporting

ARCADIS will prepare quarterly summary reports describing the activities and the data collected during each quarter of operation. Included in the summary will be graphs depicting the treatment system operational uptime, inlet vapor concentrations, and cumulative mass removal over the period of system operation.

7.6 SVE Termination

Based on the data presented in this RAP, once the extracted vapor concentrations reach asymptotic levels, the mass removed using SVE should have reduced the adsorbed-phased cVOCs to acceptable levels. Once this condition has been met, the SVE system will be shut down for a rebound test. A rebound test will be completed to ensure as much cVOC mass has been removed as feasibly possible with the SVE system. If the rebound test indicates cVOC concentrations less than 150 percent of the concentrations prior to shutting down the system, the rebound test will be deemed successful and final closure samples will be obtained. If the rebound test is unsuccessful, the SVE system will be restarted to continue to remove cVOC mass. Prior to restarting the SVE system, the data will be analyzed to determine modifications necessary to optimize cVOC mass removal.

8.0 Closure Documentation

This section of the Soil RAP provides a summary of the proposed sampling and analysis plan to support soil closure within the area of the two identified source areas (Building 244 Source Area and Building 287 Source Area).

8.1 Background

As indicated in the previous sections, the RWQCB identified two areas beneath the Retail Development area in which the chlorinated solvents PCE and TCE were released impacting subsurface soil and groundwater. Prior to the transfer of the property from NASA to the City of Downey, one of the two source areas (former Building 244/277) had undergone remediation using SVE. Confirmation soil samples collected after termination of the SVE remedy indicated the presence of residual concentrations of PCE and TCE at depth requiring the continuation of the SVE remedy. Using pilot testing data collected by ARCADIS, the SVE well network within the two source areas was designed and installed.

8.2 Sampling Strategy

The proposed sampling strategy to confirm closure of the Building 244 and Building 287 source areas is based, in part, on data summarized in the Earth Tech document entitled “Confirmation Soil Boring Report” (Earth Tech 2004) and conversations with RWQCB staff during the May 16, 2006 meeting. In that meeting, the RWQCB indicated that in addition to collecting soil matrix samples, soil gas samples would also need to be collected. However, it should be noted that as indicated in Section 6, soil gas samples will only be collected if the evaluation of the data collected from the SVE system rebound testing indicate the presence of VOC concentrations above the screening levels estimated using the J&E model. The following sections provide a summary of the proposed sampling strategy to be implemented in the two identified source areas.

8.2.1 Building 244 Source Area

As indicated in Section 3, the SVE remedy was implemented at the Building 244 Source Area by Earth Tech prior to the transfer of the property to the current owners. In September 2003, Earth Tech collected confirmation soil samples at six locations approved by the RWQCB. Please refer to Figure 4 and Table 1 for the boring locations and laboratory results from this data collection effort. ARCADIS will collect soil closure samples at the approximate same location as those borings completed by Earth Tech and reported in the 2004 Confirmation Soil Boring Report referenced above (borings CB-1 through CB-6). However, since the analytical results from the samples collected by Earth Tech down to 30 feet bgs were at acceptable levels, the proposed confirmation soil sample collection effort will focus on the soil column between 35 feet and 5-feet above the groundwater surface at the time of sampling.

In addition to the soil sample collection effort, soil gas samples may be collected at 5-feet below ground surface at each soil boring location to confirm remediation has been completed and verify closure for this source area. If the results of the samples

collected during the rebound testing in the Building 244 area indicate VOC concentrations below the screening levels, soil gas sampling will not be completed in this area.

8.2.2 Building 287 Source Area

Since no remediation was implemented prior to ARCADIS installing and operating the current SVE remedy within this source area, confirmation soil sample collection will be based on previous soil sampling activities completed during the source area assessment activities. The proposed location of the confirmation soil samples will be the approximate location of six borings advanced during previous assessment activities. These boring locations are Earth Tech borings B-1, B-2, B-3/SB16 and ARCADIS borings B-1, B-4, and B-5. Soil samples will be collected at 5-foot intervals starting at 5-feet below ground surface down to approximately 5-feet above the groundwater surface at the time of sampling. Please refer to Figure 5 for a map showing the location of these past borings and Table 2 for a summary of the laboratory results.

As with the Building 244 Source area, soil gas samples may be collected at each boring location from 5-feet below ground surface. Again, if the results of the samples collected during the rebound testing in the Building 287 area indicate VOC concentrations below the screening levels, soil gas sampling will not be completed in this area.

8.3 Sampling Methodology

Both soil and soil gas samples may be collected during the proposed closure sampling activities. Therefore, the sampling methodology proposed is divided into the sample collection effort for each matrix. Additionally, ARCADIS is providing a brief discussion on the process that will be used to establish the sampling locations.

8.3.1 Sample Location

The boring locations will be located by a Licensed California land surveyor using a combination of maps developed prior to the transfer of the property and survey data collected by ARCADIS prior to the demolition of former Building 244/277 and Building 287.

8.3.2 Soil Matrix Sample Collection

Once the position of each boring location is established, soil samples will be collected at 5-foot intervals within the soil column as discussed in Section 8.2. Soil samples will be collected consistent with USEPA Method 5035 using the Encore sampling

methodology. The samples will be submitted to a California certified analytical laboratory for analysis by USEPA Method 8260B.

The soil samples will be collected using a down-hole split spoon sampler equipped with either brass or acetate liners. When the sampler has been driven to the desired sampling depth, an appropriate length of direct-push rod is added without the insertion of an additional section of stop rod. The sampler will be driven into the soil and the piston assembly rises into the sampler as the sleeves are filled with soil. The sampler will be removed followed by the sample liner. Subsequent samples will be collected by repeating the process. Once the borings is completed, it will be backfilled using a cement/bentonite grout and completed at grade with asphalt or cement, as appropriate.

Quality Assurance/Quality Control (QA/QC) procedures include decontamination of sampling equipment to reduce the potential for cross-contamination. Soil boring and sampling equipment will be decontaminated prior to arrival at the site. Soil sampling equipment will be decontaminated after collection of each sample following the procedure outlined below:

- A decontamination station will be established in a secure area of the site located near a water supply. Plastic sheeting will be laid-down on the ground beneath three buckets;
- The first bucket will contain a potable water/Alconox™ detergent solution (or simpler product) in which equipment will be immersed and scrubbed;
- The second bucket will contain potable rinse water. Equipment being decontaminated will be removed from the detergent solution and rinsed thoroughly;
- The third bucket will contain distilled water for final equipment rinsing;
- Decontaminated soil sampling equipment will be wiped dry with paper towels and allowed to air-dry.

8.3.3 Soil Gas Matrix Sample Collection

Soil gas samples will be collected by installing temporary soil gas probes to a depth of 5-feet below ground surface. Soil gas samples will be transferred immediately to an onsite mobile laboratory. The samples will be prepared and analyzed according to the protocols outlined in the *Advisory – Active Soil Gas Investigations*, prepared by the Department of Toxic Substances Control and RWQCB dated January 28, 2003. Soil gas samples will be analyzed for volatile organic compounds using a California certified mobile analytical laboratory. The samples will be analyzed using USEPA Method 8260B.

Soil gas sampling probes will be installed using either a percussion hammer or hydraulic ram. Once a probe is installed to the desired depth, the hollow probe drive-rods will be withdrawn, leaving a steel probe point and a Nylaflow™ sampling tube in the subsurface. The lower portion of the tubing will be slotted and the end of the tubing will be capped. Sand will be poured around the perforated section of Nylaflow™ sample tubing to allow for diffusion of soil vapors. Granular bentonite will be added above the sand pack and hydrated. The remaining annulus will be filled with cement mortar/bentonite grout to slightly below grade. A schematic showing a typical soil gas sampling probe is shown in Figure 14.

Soil gas samples will be collected using the soil gas sampling system as shown in Figure 15. The soil gas sampling system is constructed of stainless steel, glass, Nylaflow™, and Teflon™ components. Instrumentation associated with the sampling system includes a calibrated flow meter and a vacuum gauge. Vacuum integrity of the sampling system will be tested prior to and after the soil gas survey using leak-down testing methods. Site-specific probe purging and sample volume calibrations will be initially performed to evaluate the appropriate volume of gas to be purged from each probe prior to sample collection. This will be done by performing time-series sampling of at least one probe to evaluate trends in soil gas concentrations as a function of purge volume. After probe purging, soil gas samples will be withdrawn from the moving sample stream using a glass syringe fitted with a disposable needle and Mininert™ gas-tight valve. Immediately following collection, the samples will be introduced into the purge and trap system for automated processing. Following the collection of the sample, the boring will be abandoned following typical abandonment procedures.

8.4 Report Preparation

Following the closure sample collection effort, a report will be prepared requesting closure for subsurface soil in the Building 244 and Building 287 source areas. The report will include a summary of the purpose and background information; summary of the SVE operations; summary of rebound testing activities; summary of closure sampling field activities; summary of closure sampling laboratory results; and formal request for closure related to subsurface soil in the area of the two source areas.

9.0 Health and Safety

The activities of ARCADIS personnel involved with the implementation of the soil remedial action plan proposed herein will be performed using the Health and Safety Plan (H&SP) provided in Appendix C. The H&SP has been prepared in compliance with Title 29 Code of Federal Regulations 1910.120 Hazardous Waste Sites Operations and Emergency Response and Hazard Communication.

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Tables

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Table 1. Summary of Earth Tech Confirmation Soil Sample Laboratory Results
Building 244 Source Area
Former NASA Downey Facility, Downey, California

Boring Number	Reference	Sample ID	Depth (feet bgs)	Pre-SVE Operation PCE Concentrations (µg/kg) (1)	Post-SVE Operation PCE Concentrations (µg/kg) (1)
CB1	Earth Tech 2004	CB1-5	5	-	<5.9
		CB1-10	10	1,600	<5.7
		CB1-15	15	-	<6.2
		CB1-20	20	5	<6.0
		CB1-25	25	-	<6.1
		CB1-30	30	-	60
		CB1-35	35	<5	240
		CB1-40	40	-	88
		CB1-45	45	32	1,800
		CB1-50	50	-	17
CB2	Earth Tech 2004	CB2-5	5	-	40
		CB2-10	10	1,900	<5..5
		CB2-15	15	2,700	<5.9
		CB2-20	20	-	<6.5
		CB2-25	25	-	<6.7
		CB2-30	30	550	<6.9
		CB2-35	35	<5	530
		CB2-40	40	-	360
		CB2-45	45	184	7.3
		CB2-50	50	-	280
CB3	Earth Tech 2004	CB3-5	5	-	<6.1
		CB3-10	10	5	<5.4
		CB3-15	15	2,700	<8.2
		CB3-20	20	-	<7.0
		CB3-25	25	-	<5.7
		CB3-30	30	550	93
		CB3-35	35	<25	35
		CB3-40	40	-	38
		CB3-45	45	215	1,000
		CB3-50	50	-	<6.3
CB4	Earth Tech 2004	CB4-5	5	-	7.4
		CB4-10	10	22	<5.5
		CB4-15	15	-	<5.6
		CB4-20	20	9	<6.6
		CB4-25	25	-	<5.8J
		CB4-30	30	-	<6.5
		CB4-35	35	2,140	51
		CB4-40	40	-	370
		CB4-45	45	2,000	8,700
		CB4-50	50	-	<7.0
CB5	Earth Tech 2004	CB5-5	5	-	5.5
		CB5-10	10	1,100,000	<5.6
		CB5-15	15	1,000,000	<5.8
		CB5-20	20	300	<6.5
		CB5-25	25	31	6.2
		CB5-30	30	130	12
		CB5-35	35	1,900	27
		CB5-40	40	-	380
		CB5-45	45	16,000	920
		CB5-50	50	-	2.8J
CB6	Earth Tech 2004	CB6-5	5	270	<5.7
		CB6-10	10	53	<6.9
		CB6-15	15	6,800	<6.0
		CB6-20	20	-	<6.5
		CB6-25	25	9	<5.9
		CB6-30	30	56	<5.9
		CB6-35	35	3,900	170
		CB6-40	40	-	8.9
		CB6-45	45	6,750	5,900
		CB6-50	50	-	<6.8

Notes:
Soils results reported in micrograms per kilogram
PCE - tetrachloroethene
ft bgs - Feet below pre-development ground surface.

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Table 2. Summary of Past Subsurface Soil Laboratory Results
Building 287 Source Area
Former NASA Downey Facility, Downey, California

Boring Number	Reference	Sample ID	Depth (ft bgs)	Description	PCE (µg/kg)	TCE (µg/kg)
B-1	Earth Tech 2001	NASA-B287-B1-15	15	Boring located outside of north wall of building approximately 45 feet west of northeast corner of building.	<1.7	27
		NASA-B287-B1-20	20		<1.9	92
		NASA-B287-B1-25	25		<2.1	<2.1
		NASA-B287-B1-30	30		<1.9	12
		NASA-B287-B1-35	35		<40	<60
		NASA-B287-B1-40	40		<67	750
		NASA-B287-B1-45	45		<74	820
		NASA-B287-B1-50	50		<70	600
B-2	Earth Tech 2001	NASA-B287-B2-15	15	Adjacent to west side of former sump.	3.4J	10
		NASA-B287-B2-20	20		2.4J	190
		NASA-B287-B2-25	25		<1.9	120
		NASA-B287-B2-30	30		<2.1	15
		NASA-B287-B2-35	35		<2.1	6
		NASA-B287-B2-40	40		19	370
		NASA-B287-B2-45	45		4.2J	89
		NASA-B287-B2-50	50		3.2J	57
B-3	Earth Tech 2001	NASA-B287-B3-15	15	Adjacent to south side of former sump.	2.8J	120
		NASA-B287-B3-20	20		4	250
		NASA-B287-B3-25	25		<2.6	<2.6
		NASA-B287-B3-30	30		<2.4	11
		NASA-B287-B3-35	35		<80	530
		NASA-B287-B3-40	40		<2.1	20
		NASA-B287-B3-45	45		<80	580
		NASA-B287-B3-50	50		<2.2	79
		NASA-B287-B3-55	55		<2	20
SB-13	Earth Tech 2002b	SB13-23.5	23.5	Located immediately adjacent to Boring B-3.	<2.3J	130
		SB13-45	45		<74	1,500
		SB-13-50	50		3.0J	180
B-1	ARCADIS	A287-B1@5'	5		<5	<5
		A287-B1@10'	10		<5	<5
		A287-B1@15'	15		<5	<5
		A287-B1@20'	20		<5	10
		A287-B1@30'	30		<5	<5
		A287-B1@40'	40		<5	19
B-2	ARCADIS	A287-B2@5'	5		<5	<5
		A287-B2@10'	10		<5	<5
		A287-B2@20'	20		<5	16
		A287-B2@30'	30		<5	<5
		A287-B2@40'	40		<5	<5
B-3	ARCADIS	A287-B3@5'	5		7	<5
		A287-B3@10'	10		<5	<5
		A287-B3@20'	20		23	18
		A287-B3@30'	30		<5	<5
		A287-B3@40'	40		<5	<5
B-4	ARCADIS	A287-B4@5'	5		<5	5.6
		A287-B4@10'	10		<5	40
		A287-B4@20'	20		<5	120
		A287-B4@30'	30		<5	<5
		A287-B4@40'	40		<5	<5
		A287-B4@50'	50		<5	<5
B-5	ARCADIS	A287-B5@5'	5		<5	5.8
		A287-B5@10'	10		<5	<5
		A287-B5@20'	20		<5	24
		A287-B5@30'	30		15	380

Notes:
Soils results reported in micrograms per kilogram
PCE - tetrachloroethene
TCE - trichloroethene
ft bgs - Feet below pre-development ground surface.

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Table 3. Summary of Results of 2004 SVE Pilot Testing
Building 244 and 287 Source Areas
Former NASA Downey Facility, Downey,California

SVE Operational Parameters

	Start (3/22/04)	Finish (8/12/04)
Wells Tested	AVW-4 through -7 and VMP-1, VW-6,-7, and -14	AVW-4,-5,-7 and VMP-1, VW-6,-7, and -14
Flow Rate (scfm) [(1)]	105	224
Vacuum (inches Hg) [(1)]	14	5
SVE Total VOCs Influent Concentration (ppbv) [(2)]	16,157	17,180
VOC Mass Removed (lbs)	0	831
	Building 244 Area	**Building 287 Area**
VOC Concentrations in Individual Wells (ppbv)	Shallow: 190 to 2,428 Deep: 22,959 to 134,760	Shallow: 635 to 18,990 Deep: 5,711 to 23,639

ROVI Test

	Building 244 Area	Building 287 Area
Extraction Well	VWM-01	AVW-7
Monitoring Wells	VW-6,-7,-14	AVW-4,-5,-6
ROI - Shallow Wells (ft)	52	85
ROI - Deep Wells (ft)	55	50
Screen Intervals, ft bgs	10 to 20, 20 to 30, 30 to 40	Shallow: 15 to 30 Deep: 35 to 50

Notes:

[(1)] For entire SVE System

[(2)] For samples collected on April 28 and May 10, 2004, respectively.

See notes in text on interpretation of these results.

scfm - standard cubic feet per minute

ppbv - parts per billion volume basis

bgs - below ground surface

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Table 4. Summary of Groundwater Elevation Data - 2002
Former NASA Downey Facility, Downey, California

Well Number	Measuring Point Elevation (ft amsl)	Casing inches	Total Depth ft bgs	Date	Depth to Water	GWSE ft amsl
MW-1	102.92	4	66	2/21/2002	52.30	50.62
MW-1	102.92			4/24/2002	52.60	50.32
MW-1	102.92			9/16/2002	54.40	48.52
MW-2	102.40	4	65.5	2/21/2002	51.80	50.60
MW-2	102.40			4/24/2002	52.24	50.16
MW-2	102.40			9/16/2002	53.83	48.57
MW-3	102.73	4	65.5	2/21/2002	52.17	50.56
MW-3	102.73			4/24/2002	52.74	49.99
MW-3	102.73			9/16/2002	54.20	48.53
MW-4	95.65	4	65.5	2/21/2002	48.14	47.51
MW-4	95.65			4/24/2002	48.46	47.19
MW-4	95.65			9/16/2002	49.88	45.77
MW-5	95.59	4	69	2/21/2002	47.96	47.63
MW-5	95.59			4/24/2002	47.96	47.63
MW-5	95.59			9/16/2002	49.73	45.86
MW-6R	94.63	4	66	2/21/2002	47.26	47.37
MW-6R	94.63			4/24/2002	47.60	47.03
MW-6R	94.63			9/16/2002	49.00	45.63
MW-7R	94.68	4	67	2/21/2002	47.24	47.44
MW-7R	94.68			4/24/2002	47.60	47.08
MW-7R	94.68			9/16/2002	48.96	45.72
MW-8	98.92	4	63	2/21/2002	50.00	48.92
MW-8	98.92			4/24/2002	50.40	48.52
MW-8	98.92			9/16/2002	51.82	47.10
MW-9	97.31	4	67	2/20/2002	48.90	48.41
MW-9	97.31			4/24/2002	49.26	48.05
MW-9	97.31			9/16/2002	50.70	46.61
MW-10	100.22	4	65	2/21/2002	50.66	49.56
MW-10	100.22			4/24/2002	51.06	49.16
MW-10	100.22			9/16/2002	52.55	47.67
MW-11	102.57	2	66	2/20/2002	52.64	49.93
MW-11	102.57			4/24/2002	53.20	49.37
MW-11	102.57			9/17/2002	54.57	48.00
MW-12	104.63	2	75	2/20/2002	53.94	50.69
MW-12	104.63			4/24/2002	54.30	50.33
MW-12	104.63			9/16/2002	55.90	48.73
MW-13	103.30	2	75	2/20/2002	52.62	50.68
MW-13	103.30			4/24/2002	53.00	50.30
MW-13	103.30			9/16/2002	54.32	48.98
MW-14	102.98	4	75	2/20/2002	52.86	50.12
MW-14	102.98			4/34/02	53.18	49.80
MW-14	102.98			9/16/2002	54.80	48.18

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Table 4. Summary of Groundwater Elevation Data - 2002
Former NASA Downey Facility, Downey, California

Well Number	Measuring Point Elevation (ft amsl)	Casing inches	Total Depth ft bgs	Date	Depth to Water	GWSE ft amsl
MW-15	102.85	4	75	2/20/2002	52.54	50.31
MW-15	102.85			4/24/2002	52.90	49.95
MW-15	102.85			9/16/2002	54.52	48.33
MW-16	103.57	2	75	2/20/2002	53.44	50.13
MW-16	103.57			4/24/2002	53.78	49.79
MW-16	103.57			9/17/2002	54.38	49.19
MW-17	100.99	4	75.5	2/20/2002	50.94	50.05
MW-17	100.99			4/24/2002	51.28	49.71
MW-17	100.99			9/16/2002	52.83	48.16
MW-18	103.25	4	75	2/20/2002	53.44	49.81
MW-18	103.25			4/24/2002	53.76	49.49
MW-18	103.25			9/16/2002	55.37	47.88
MW-19	101.10	4	75	2/20/2002	51.30	49.80
MW-19	101.10			4/24/2002	51.66	49.44
MW-19	101.10			9/16/2002	53.18	47.92
MW-20	102.36	4	100	2/20/2002	52.54	49.82
MW-20	102.36			4/24/2002	52.88	49.48
MW-20	102.36			9/16/2002	54.18	48.18
MW-21	95.62	4	75	2/20/2002	47.70	47.92
MW-21	95.62			4/24/2002	47.98	47.64
MW-21	95.62			9/16/2002	49.42	46.20
MW-22	94.30	4	75	2/20/2002	46.86	47.44
MW-22	94.30			4/24/2002	47.14	47.16
MW-22	94.30			9/16/2002	48.50	45.80
MW-23	92.68	4	75	2/20/2002	45.72	46.96
MW-23	92.68			4/24/2002	46.00	46.68
MW-23	92.68			9/16/2002	47.35	45.33
MW-24	92.44	4	75	2/20/2002	45.70	46.74
MW-24	92.44			4/24/2002	46.00	46.44
MW-24	92.44			9/16/2002	47.40	45.04
MW-25	92.18	4	75	2/20/2002	45.50	46.68
MW-25	92.18			4/24/2002	45.76	46.42
MW-25	92.18			9/16/2002	47.12	45.06
MW-26S	92.59	2	75.5	9/16/2002	47.50	45.09
MW-26D	92.60	4	135	9/16/2002	47.30	45.30
MW-27	99.90	4	134	9/16/2002	52.05	47.85
W1	94.96	2	65			
W2	92.69	2	65			

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Table 5. Preliminary Target Cleanup Levels - Vadose Zone Pathways [1]
from Risk Management/Soil Management Plan (RMSMP) (ARCADIS 2004)
Former NASA Downey Facility, Downey, California

Method/Guidance	Soil Cleanup Screening Level[2]				Pathway/Basis
	Depth (ft bgs)	Distance to GW (ft)	TCE (µg/kg)	PCE (µg/kg)	
EPA Region IX Constr. Worker PRG	NA	NA	**110**	1,300[3]	Dermal Exposure/Ingestion/Dust Inhalation; Based upon 2004 PRG Tables
Retail/Office Worker SCL	NA	NA	**230**	**380**	Volatile Compound Inhalation; Based upon 10^{-6} Indoor Air Exposure Cancer Risk

Notes: [1] Leaching to groundwater is excluded because no groundwater action level has been established for the site.
[2] Bold values provide most conservative Soil Screening Levels for Vadose Zone Pathways.
[3] PRG value in RMSMP was previous value of 3,400 µg/kg; Current (since 2004) PRG value is 1,300 µg/kg.

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Table 6. Geotechnical Parameters
VLEACH Model Inputs
Former NASA Downey Facility, Downey, California

Parameter	Average Value
Bulk soil density	1.44 g/cm^3
Total porosity	0.46
Water content	0.25 cm^3 water/cm^3 of soil
Fraction of organic carbon	0.004 g/g

Notes:

g/cm^3	grams per cubic centimeter
g/g	grams per gram

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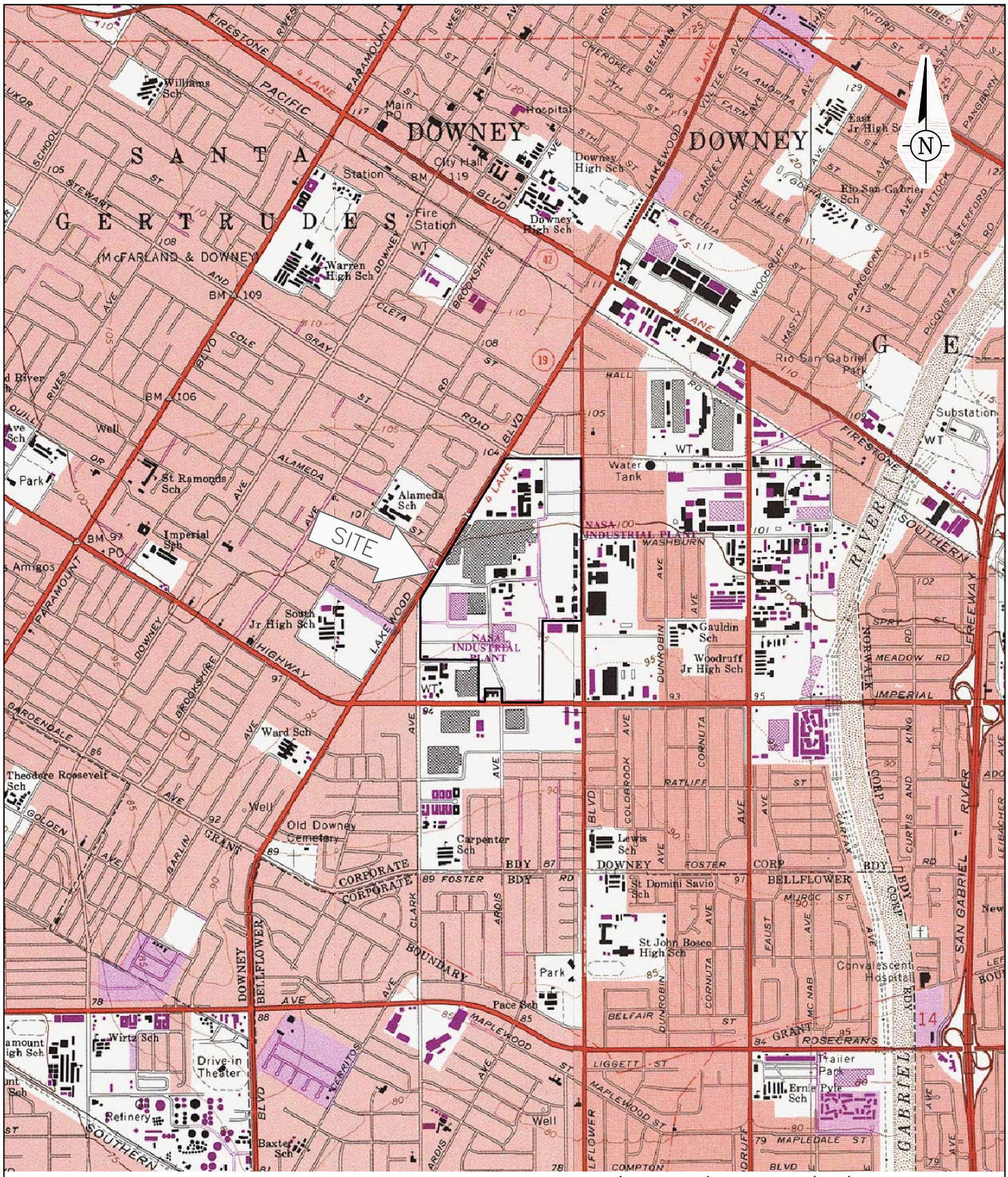
Figures



Prepared from USGS Topographical 7.5 minute series quadrangle, (Whittier 1965), Photorevised (1981)

Area Manager: CHARLENE PALMER	ARCADIS	SITE LOCATION MAP	Project Number: CA 623.12.02
Project Director: J. FRIEDMAN	Arcadis of Los Angeles 1400 N. Harbor Boulevard, Suite 700 Fullerton, CA 92835-4127 Tel: 714-278-0992 Fax: 714-278-0051 www.arcadis-us.com		Drawing Date: 11/18/04
Task Manager: O. EDWARDS		FORMER NASA INDUSTRIAL PLANT DOWNEY, CALIFORNIA	Figure: 1
Technical Review: HARRY VAN DEN BERG			

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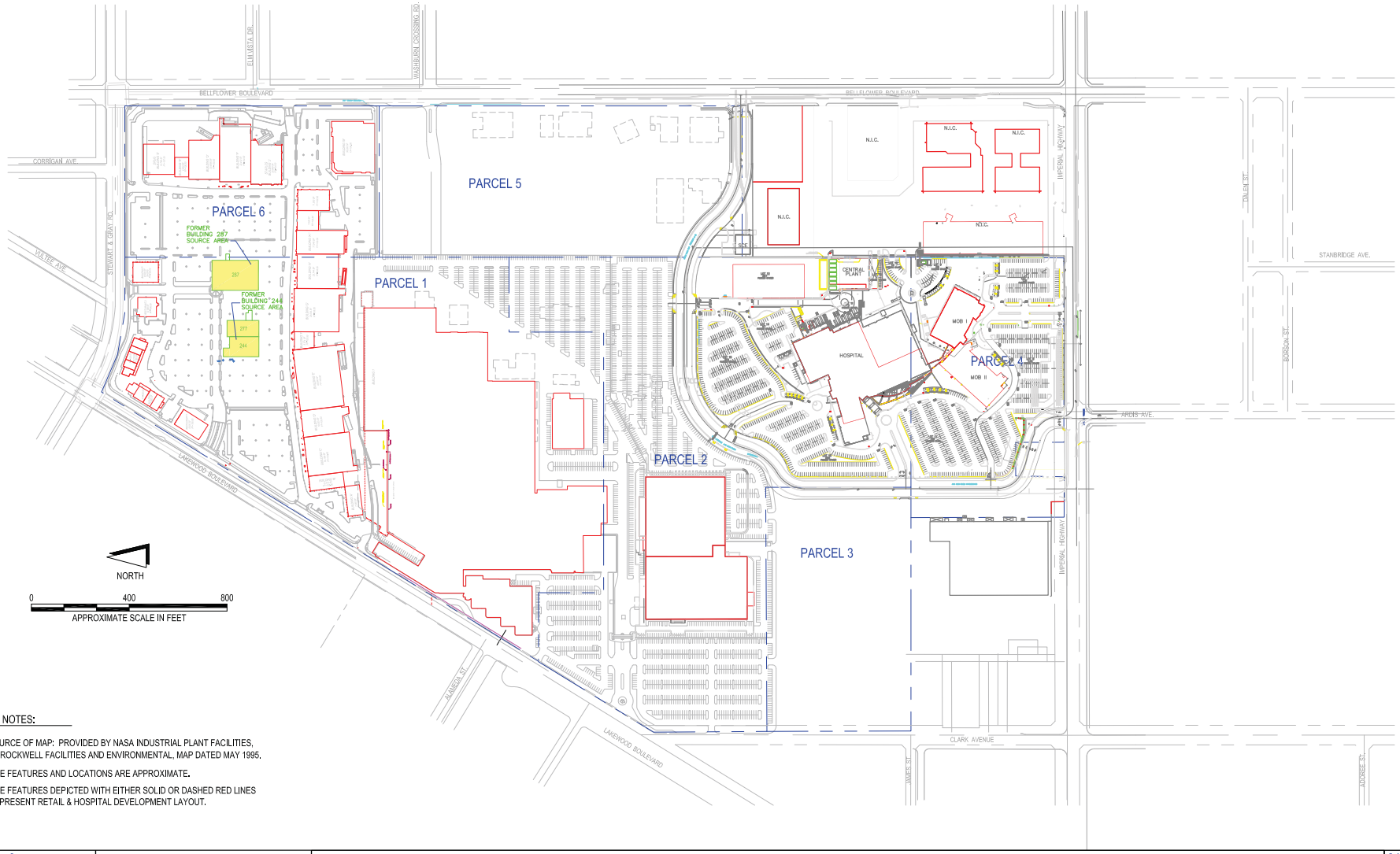

NOTES:

1. SOURCE OF MAP: PROVIDED BY NASA INDUSTRIAL PLANT FACILITIES, BY ROCKWELL FACILITIES AND ENVIRONMENTAL, MAP DATED MAY 1995.
2. SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. SITE FEATURES DEPICTED WITH EITHER SOLID OR DASHED RED LINES REPRESENT RETAIL & HOSPITAL DEVELOPMENT LAYOUT.

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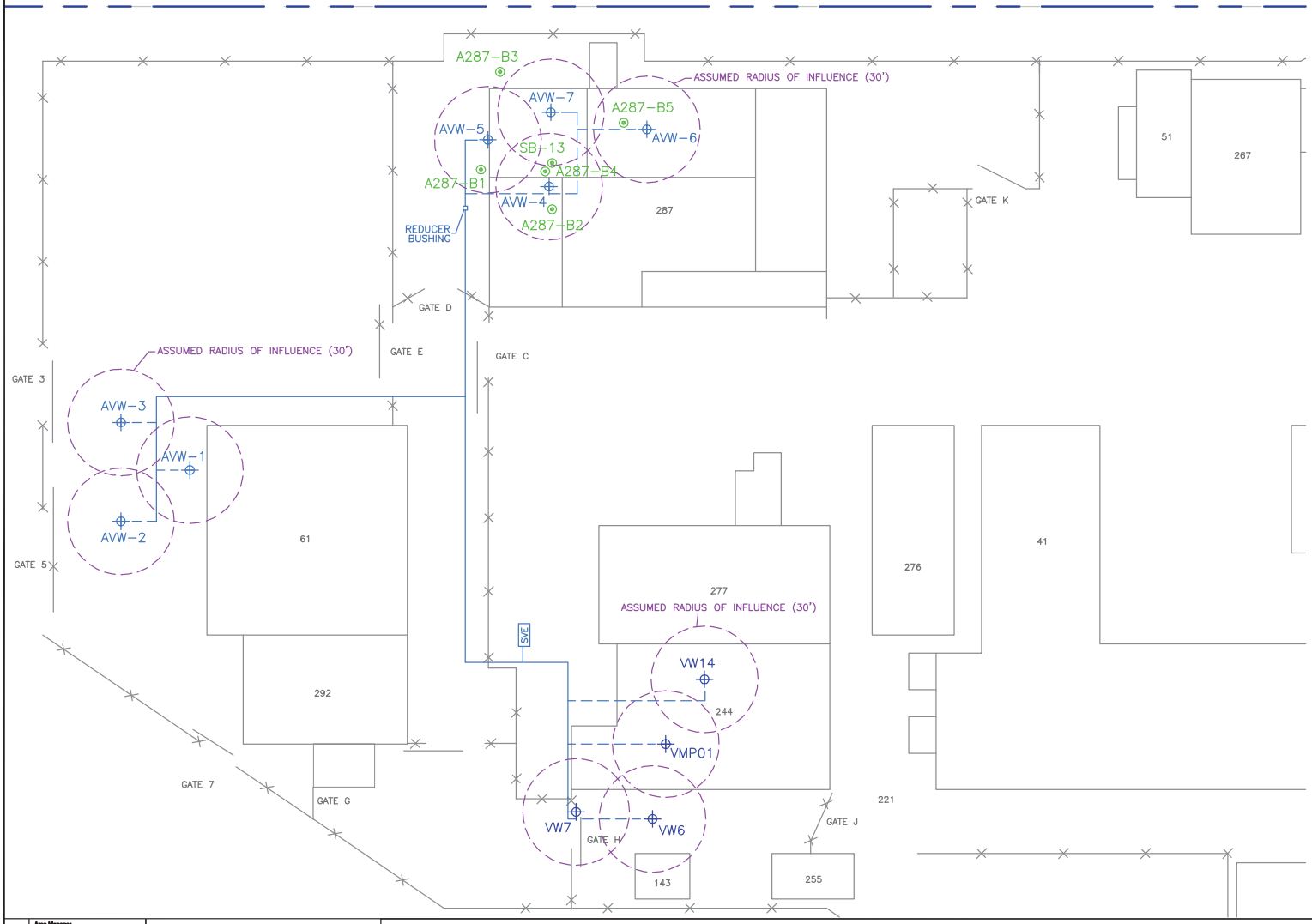
SITE LAYOUT MAP

FORMER NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

Project Number	CA 623.12.02
Drawing Date	12/8/04
Figure	2



EXPLANATION

AVW-7	PILOT TEST DUAL NESTED SOIL VAPOR EXTRACTION WELL
VW7	EXISTING SOIL VAPOR EXTRACTION WELL
A287-B5	SOIL BORING
———	4" SCH 40 PVC HEADER LINE ABOVE GROUND
- - - -	2" SCH 40 PVC ABOVE GROUND (TYP)

NOTES:

1. SOURCE OF MAP: PROVIDED BY NASA INDUSTRIAL PLANT FACILITIES, BY ROCKWELL FACILITIES AND ENVIRONMENTAL, MAP DATED MAY 1995.
2. SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. SITE FEATURES DEPICTED WITH EITHER SOLID OR DASHED RED LINES REPRESENT PROPOSED FUTURE DEVELOPMENT.

NORTH

0 60 120

APPROXIMATE SCALE IN FEET
SCALE: 1" = 60'

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Layout Tab: Layout1

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ARCADIS SVE Pilot Test Layout Map

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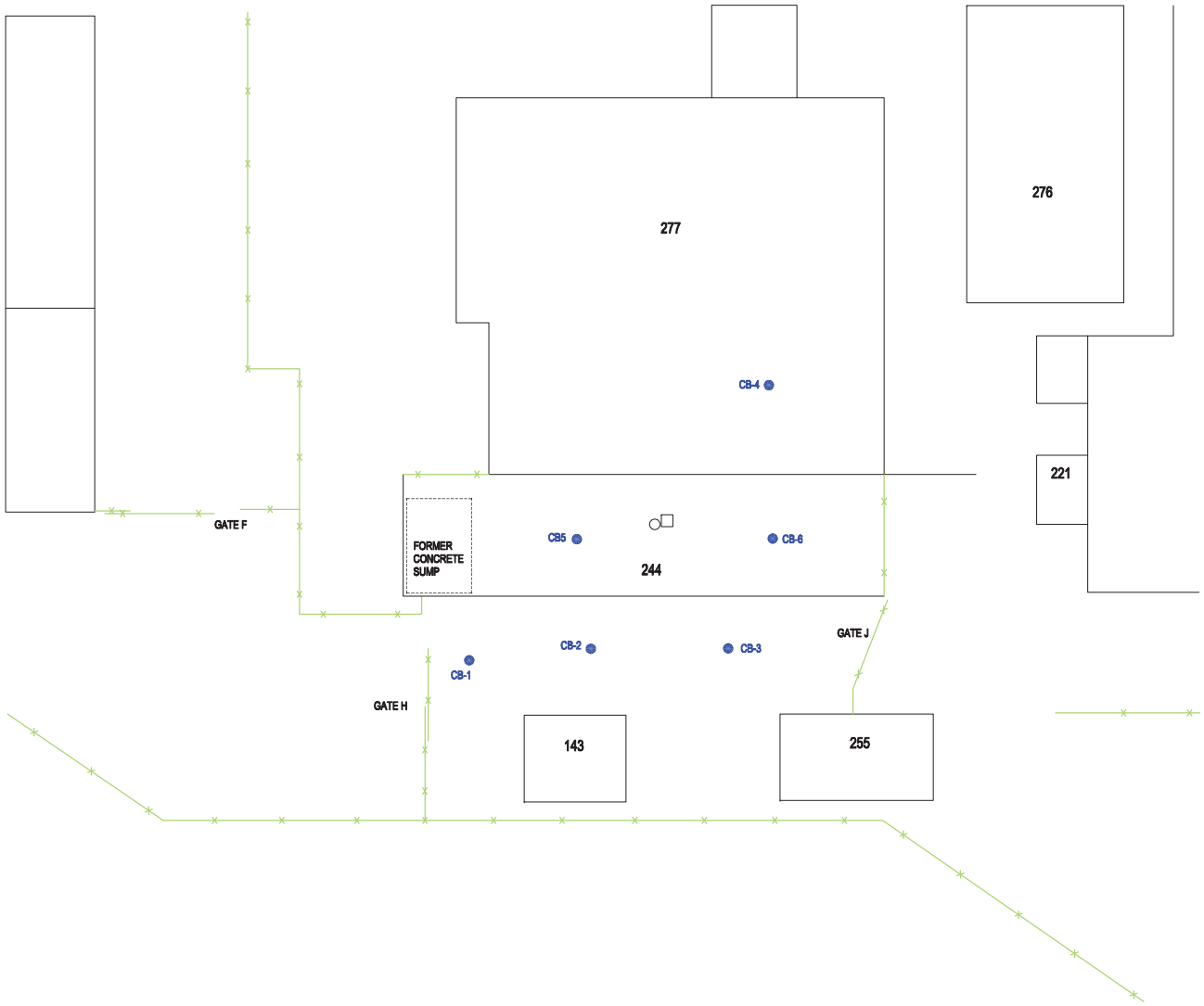
Figure	3



LEGEND

- SUMP/CLARIFIER LOCATION
- FORMER FENCE LOCATION
- CONFIRMATION SOIL BORING LOCATION

NOTES:
SOURCE: EARTH TECH 2004
ABOVE GROUND STRUCTURES HAVE BEEN REMOVED (PRIOR TO REDEVELOPMENT)

NORTH

0 30 60
APPROXIMATE SCALE IN FEET
SCALE: 1" = 30'

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User Name : rhubatch

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Earth Tech Confirmation Soil Sample Location Map - Building 244 Source Area

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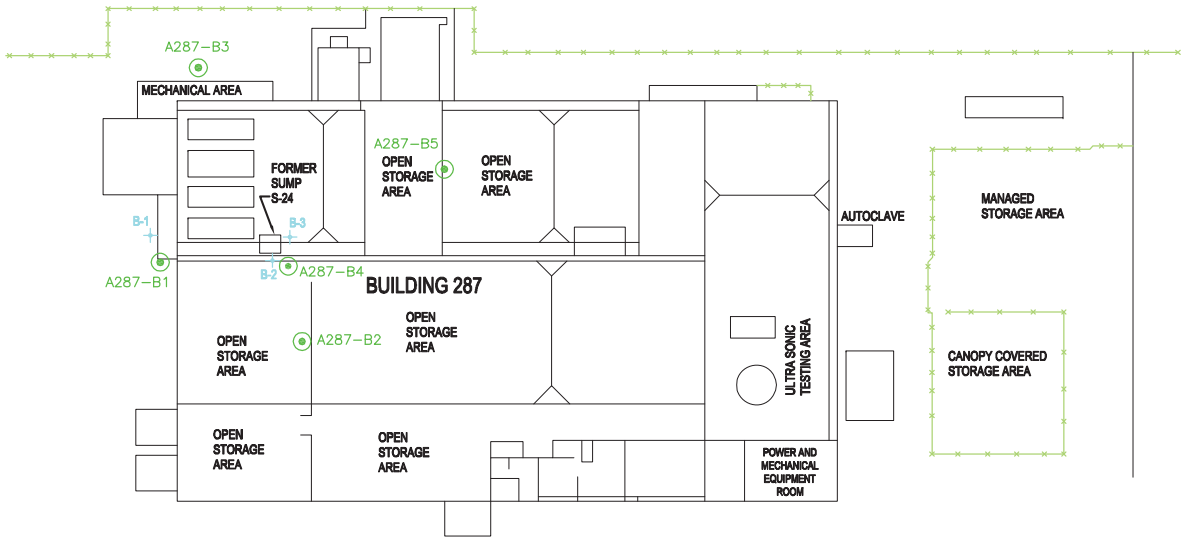
Project Number	CA623.12.02
Drawing Date	8-01-06
Figure	4



LEGEND

- FORMER FENCE LOCATION
- EARTH TECH SOIL BORING LOCATION
- ARCADIS SOIL BORING LOCATIONS

NOTES:
SOURCE: EARTH TECH 2001 & 2002B
ABOVE GROUND STRUCTURES HAVE
BEEN REMOVED (PRIOR TO REDEVELOPMENT)

NORTH

0 30 60
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SCALE: 1" = 30'

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Past Soil Sample Collection Location Map - Building 287 Source Area

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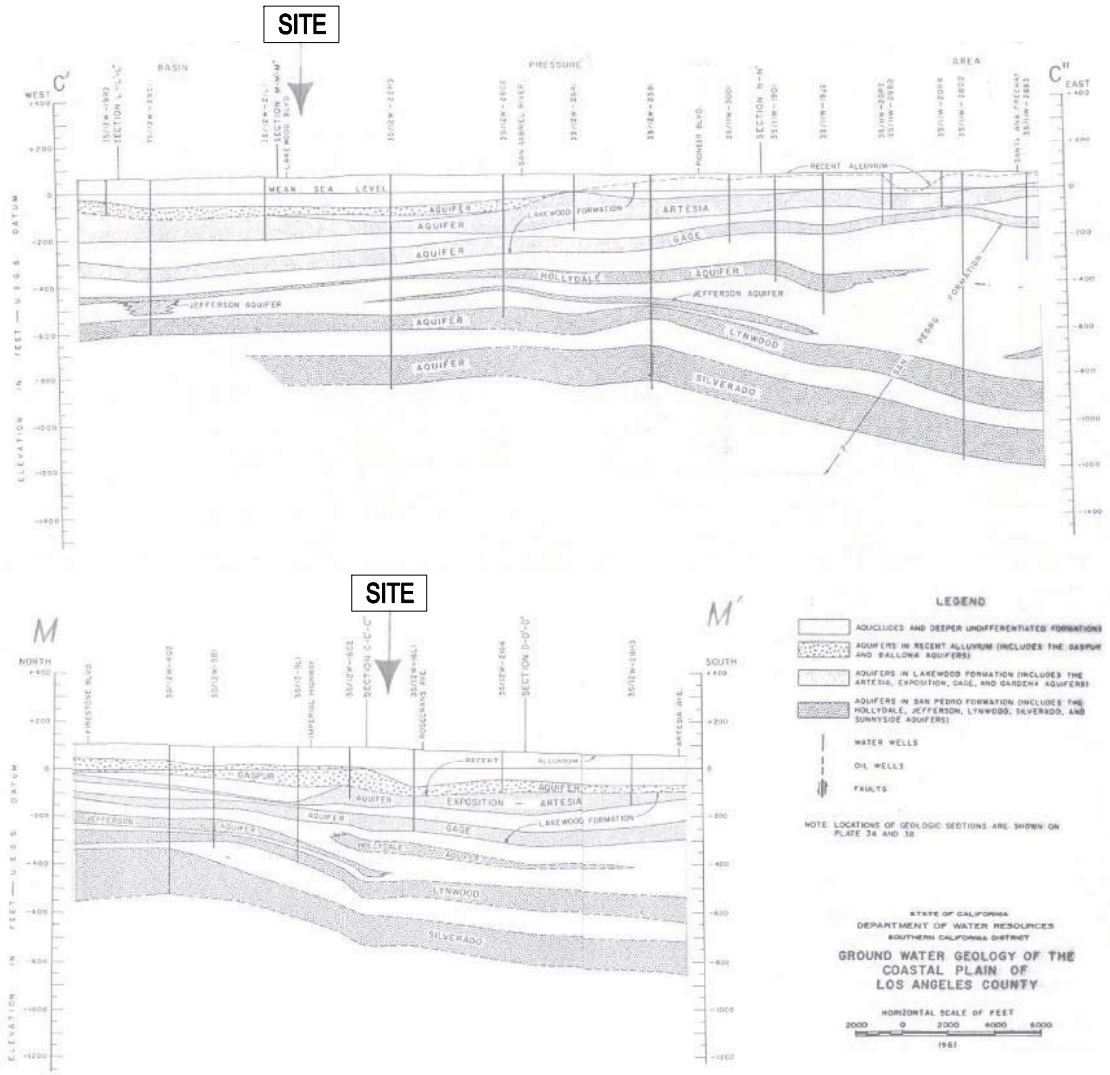
Figure	5



SOURCE: DWR 1961

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Department of Water Resources Stratigraphic Section

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Figure	6

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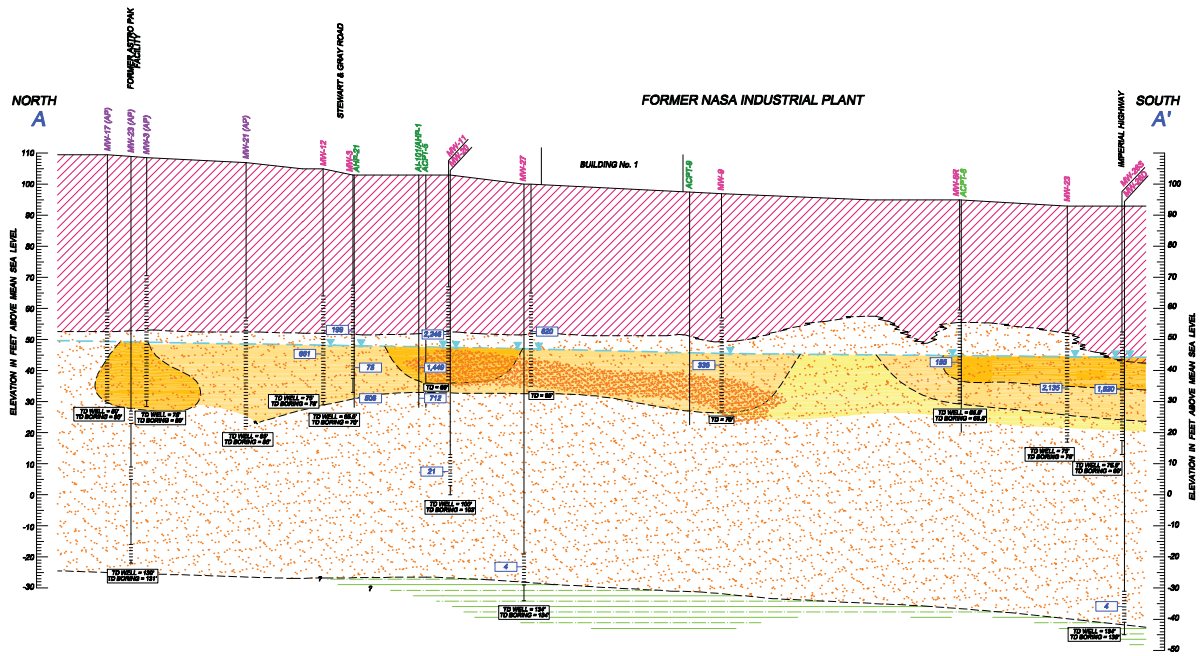

EXPLANATION:

- INTERBEDDED SILTY SAND, SILT, AND CLAY
- FINE TO MEDIUM SAND
- MEDIUM TO COURSE SAND WITH OCCASIONAL FINE TO MEDIUM GRAVEL
- SILT
- TD TOTAL DEPTH
- DEPTH TO GROUNDWATER COLLECTED IN DECEMBER 2003 SAMPLING EVENT
- 1,000 TOTAL VOCs IN MICROGRAMS PER LITER (ug/L)
- 100 TOTAL VOCs IN MICROGRAMS PER LITER (ug/L)
- 10 TOTAL VOCs IN MICROGRAMS PER LITER (ug/L)

CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L) DETECTED IN GROUNDWATER SAMPLES (12/03)

SOURCES:

EARTHTECH, 2000, ADDITIONAL SITE ASSESSMENT REPORT.
EARTHTECH, 2003, GROUNDWATER MONITORING REPORT, FOURTH QUARTER 2002.
SECOR, 2002, PHASE II ESA REPORT.
EARTHTECH HYDROPUNCH GROUNDWATER SAMPLES COLLECTED IN JULY 2002.

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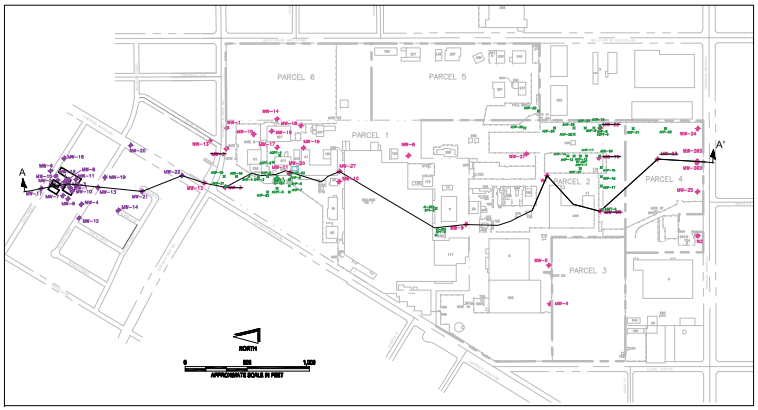
HORIZONTAL SCALE: 0 360 720 — 1 INCH = 360 FEET



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Site Specific Stratigraphic Section A - A'

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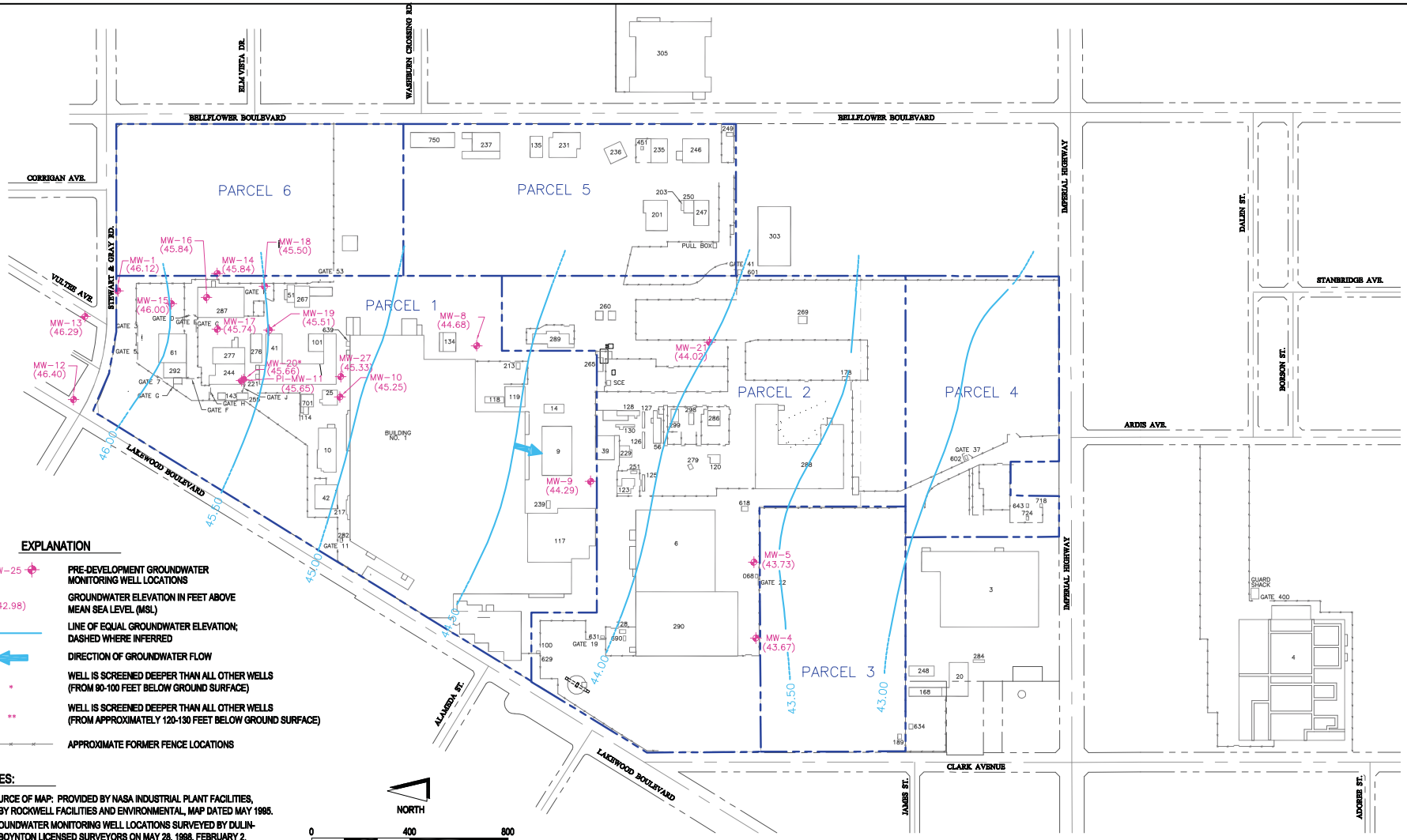
Drawing Date	11/02
Figure	7



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Current Plotstyle : ByColor
Layout : Fig8 Layout1

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Site Specific Groundwater Flow Map

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Drawing Date	11/02
Figure	8

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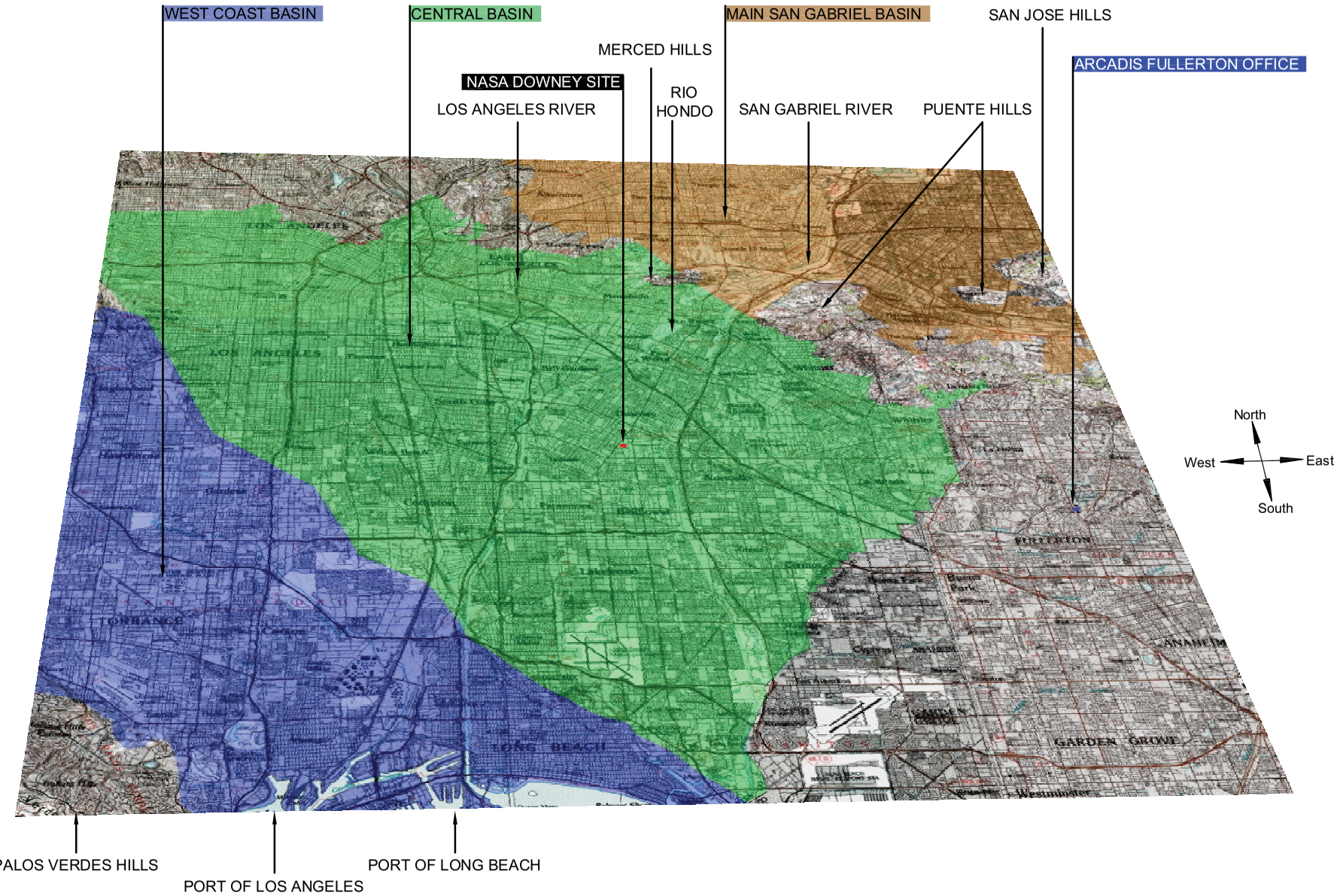

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Conceptual Site Model Diagram - Regional View

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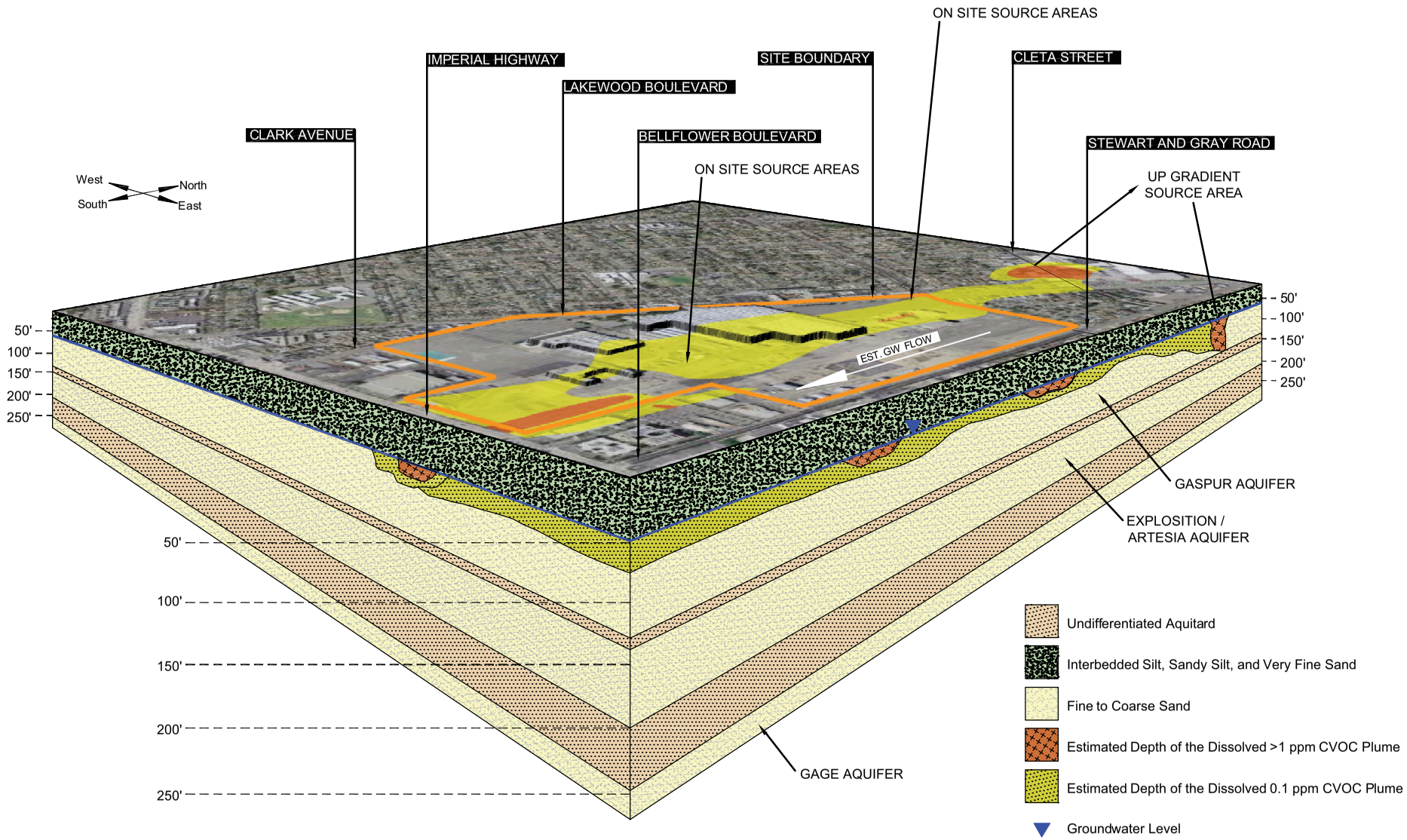
Project Number	CA 623.12.2
Drawing Date	05/31/06
Figure	9



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Conceptual Site Model Diagram - Site Specific View

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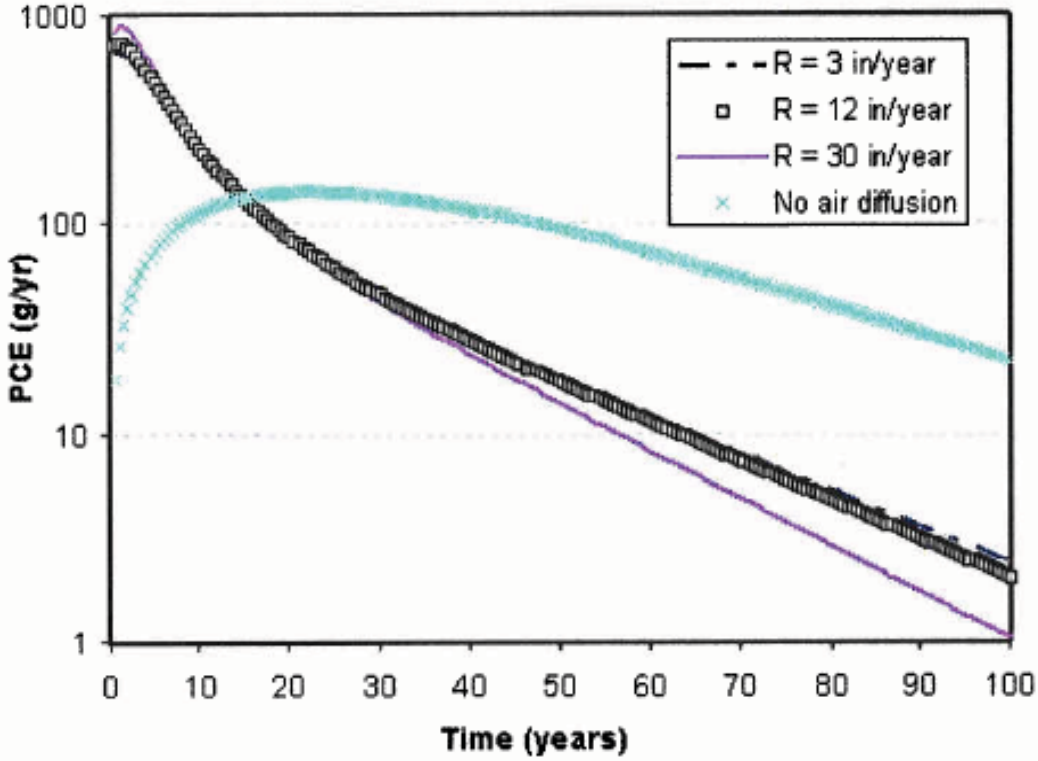
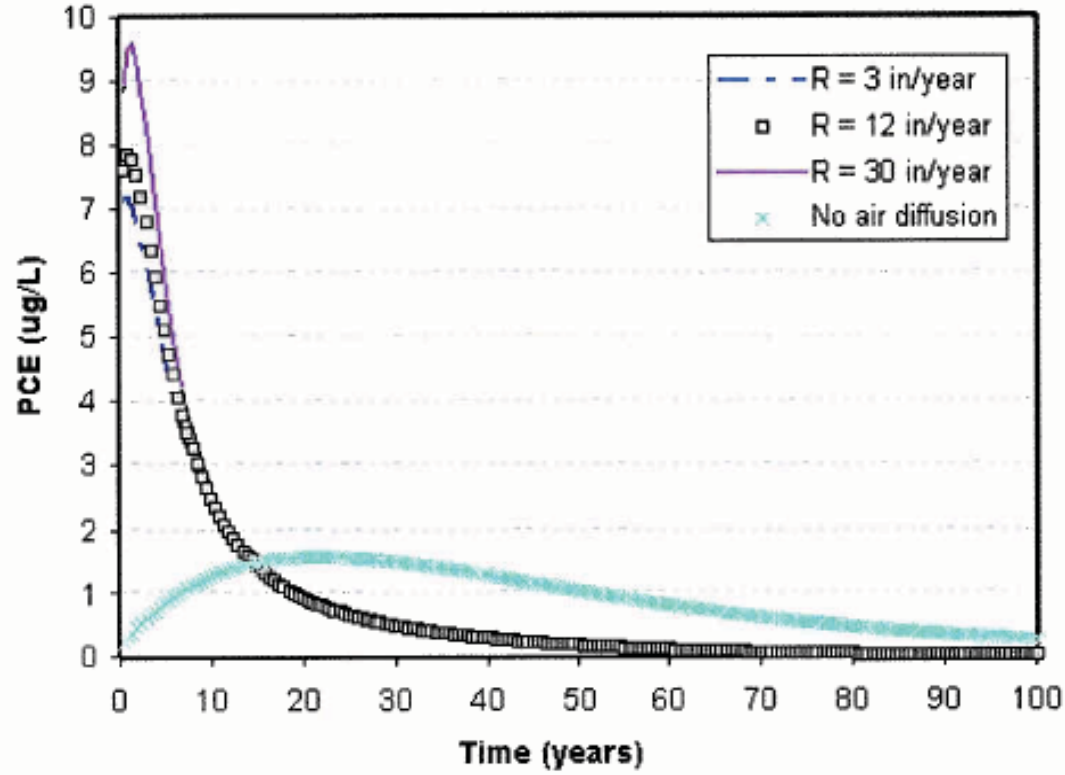
DOWNEY, CALIFORNIA

Project Number	CA 623.12.02
Drawing Date	05/31/06
Figure	10





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Acad Version : R16.1s (LMS Tech)
User Name : cguzman

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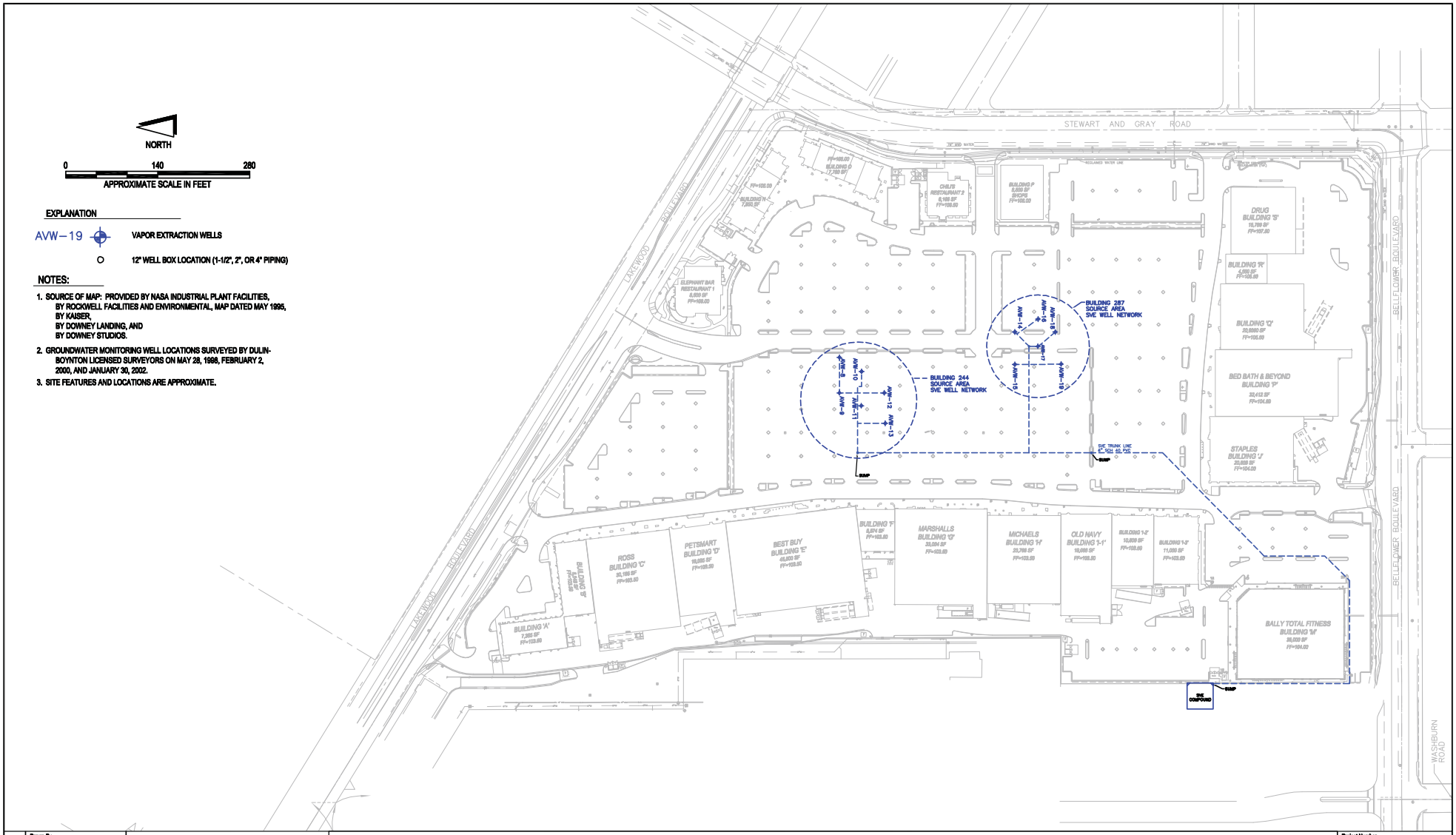
Area Manager: C. PALMER	ARCADIS	Summary of Estimated PCE Mass Loading to Groundwater	Project Number: CA623.12.02
Project Director: J. FRIEDMAN	Arcadis of Los Angeles 1400 N. Harbor Boulevard, Suite 700 Fullerton, CA 92835-4127 Tel: 714-278-0992 Fax: 714-278-0051 www.arcadis-us.com		Drawing Date: 6-01-06
Task Manager: O. EDWARDS		FORMER NASA INDUSTRIAL PLANT DOWNEY, CALIFORNIA	Figure: 11
Technical Review: H. VAN DEN BERG			



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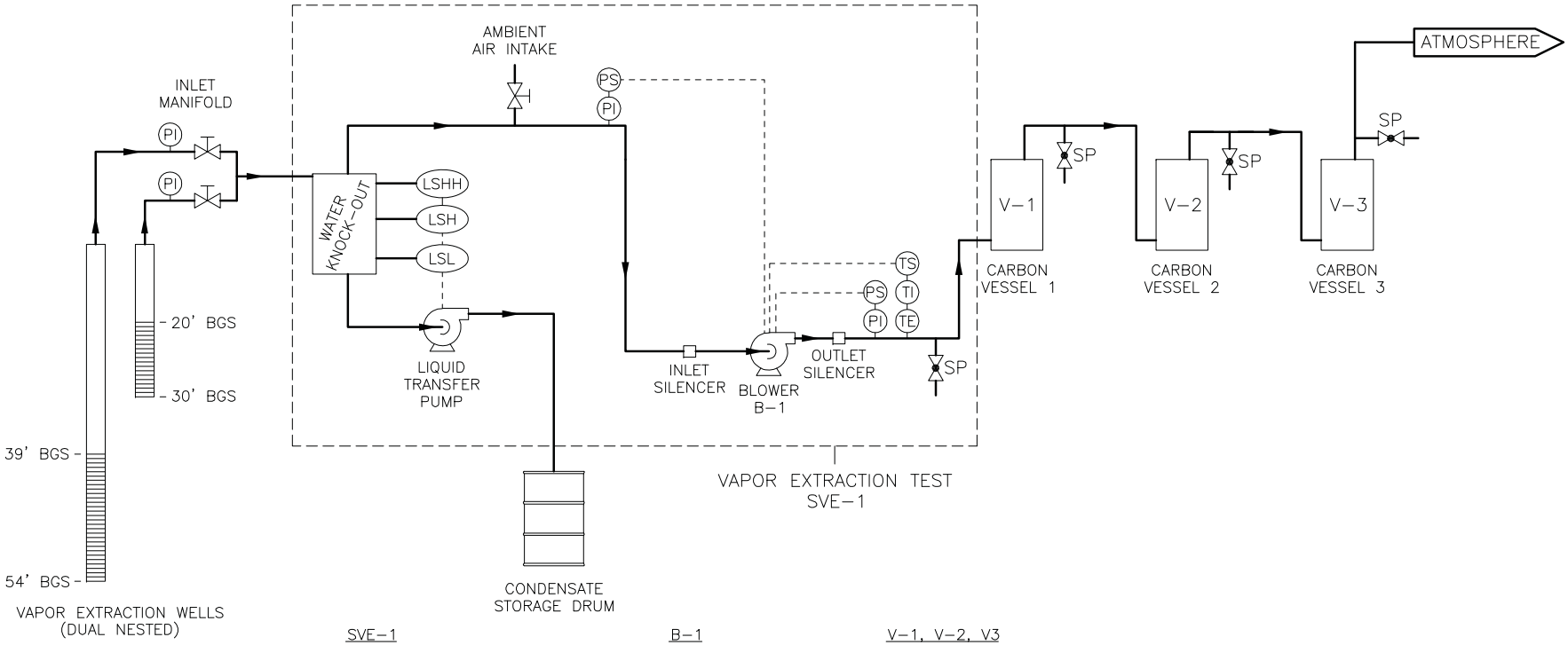
SITE PLAN SHOWING SVE WELL NETWORK LAYOUT

FORMER NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

Project Number	CA 623.12.02
Drawing Date	12/8/04
Figure	12

Acad Version : R16.1s (LMS Tech) Date Printed: Fri, 07 Jul 2006 – 12:54 pm Dwg Last Edited On: 09 Jun 2006 – 3:40pm Layout Tab: 11x17–B Size (2)
User Name : mchiu Path\Name : \\CA1FP1\Wonshare\DRAWINGS\NASA–Downey\Final Figures for Editing\Figure 12\12–SITE MAP PROPOSED SVE WELL NETWORK LAYOUT.dwg



SVE-1
MANUF: BAKER FURNACE INC.
TYPE: SOIL VAPOR EXTRACTION
MODEL: VES-250
CONSTRUCTION: SKID MOUNTED

B-1
MANUF: SUTORBILT
TYPE: POS DISP
SCFM: 250 APPROX.
VAC: 136" W.C. APPROX.

V-1, V-2, V3
MANUF: USFILTER
TYPE: VAPOR PHASE GAC
CAP: 1000 lbs
MOD: VSC-1000

LEGEND

PI	PRESSURE INDICATOR
LSHH	LEVEL SWITCH HIGH HIGH
LSH	LEVEL SWITCH HIGH
LSL	LEVEL SWITCH LOW
PS	PRESSURE SWITCH
TS	TEMPERATURE SWITCH
TI	TEMPERATURE INDICATOR
TE	TEMPERATURE ELEMENT
SP	SAMPLING PORT
FI	FLOW INDICATOR

Acad Version : R16.1s (LMS Tech) Date Printed: Fri, 07 Jul 2006 – 1:03 pm Dwg Last Edited On: 09 Jun 2006 – 3:40pm
User Name : mcfitu Path Name : \\Cr01\Pl\Wandsure\DRAWINGS\NASA-Downey\Final Figures for Editing\Figure 13\13-SVE Pilot Test Process Flow Diagram.dwg Layout Tab: Layout2

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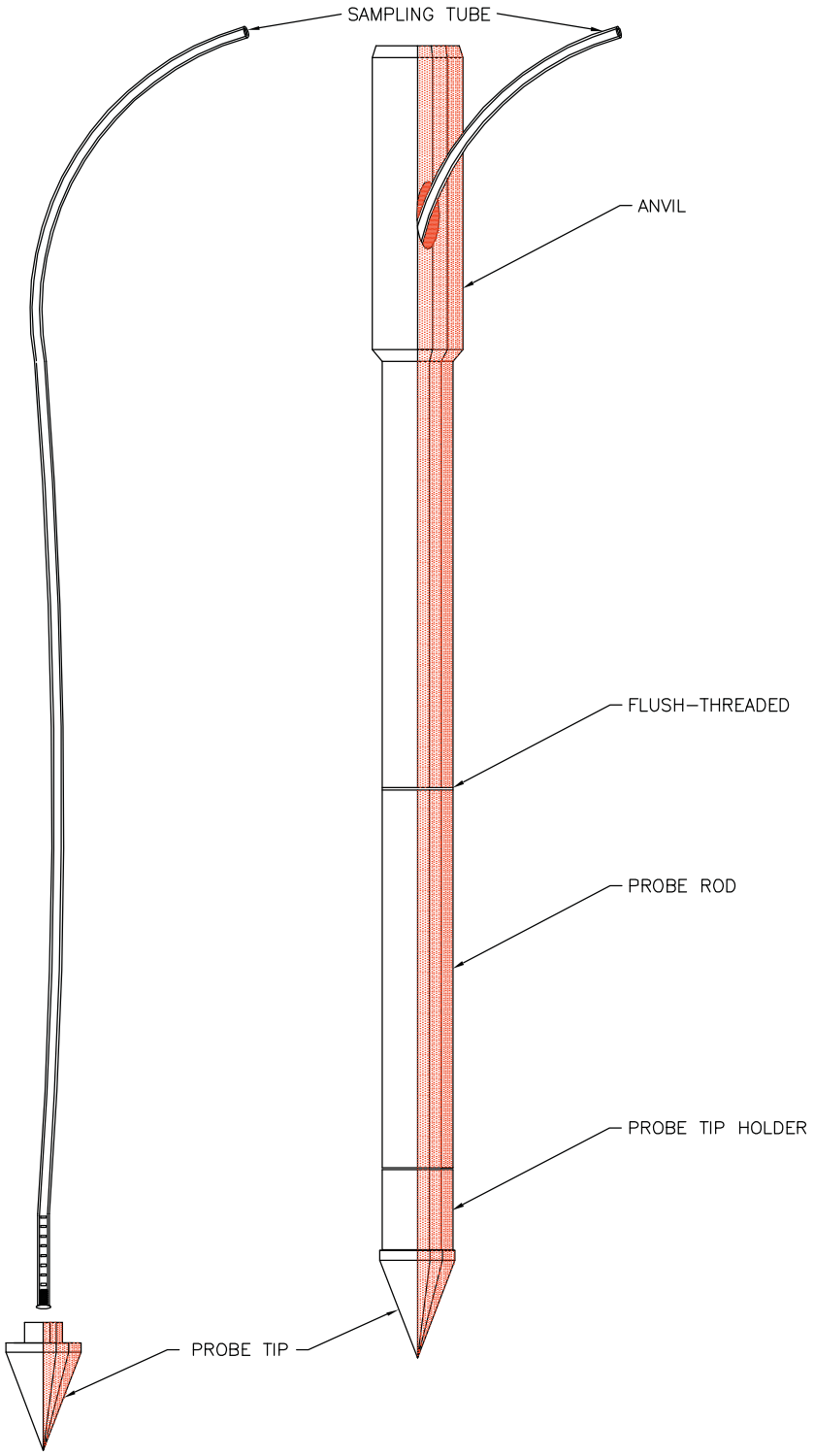
SVE Pilot Test Process Flow Diagram

FORMER NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

Project Number: CA623.12.02
Drawing Date: 6-01-06
Figure: 13



DEDICATED PORTION OF PROBE

NOTE: NOT TO SCALE

Acad Version : R16.1s (LMS Tech) Date Printed: Fri, 07 Jul 2006 – 1:09 pm, Dwg Last Edited On: 08 Jun 2006 – 2:30pm Layout Tab: Layout1
User Name : mchiu Path\Name : \\CA1FP1\Wanshare\DRAWINGS\NASA–Downey\Final Figures for Editing\Figure 14\14– Soil Gas Probe Schematic.DWG

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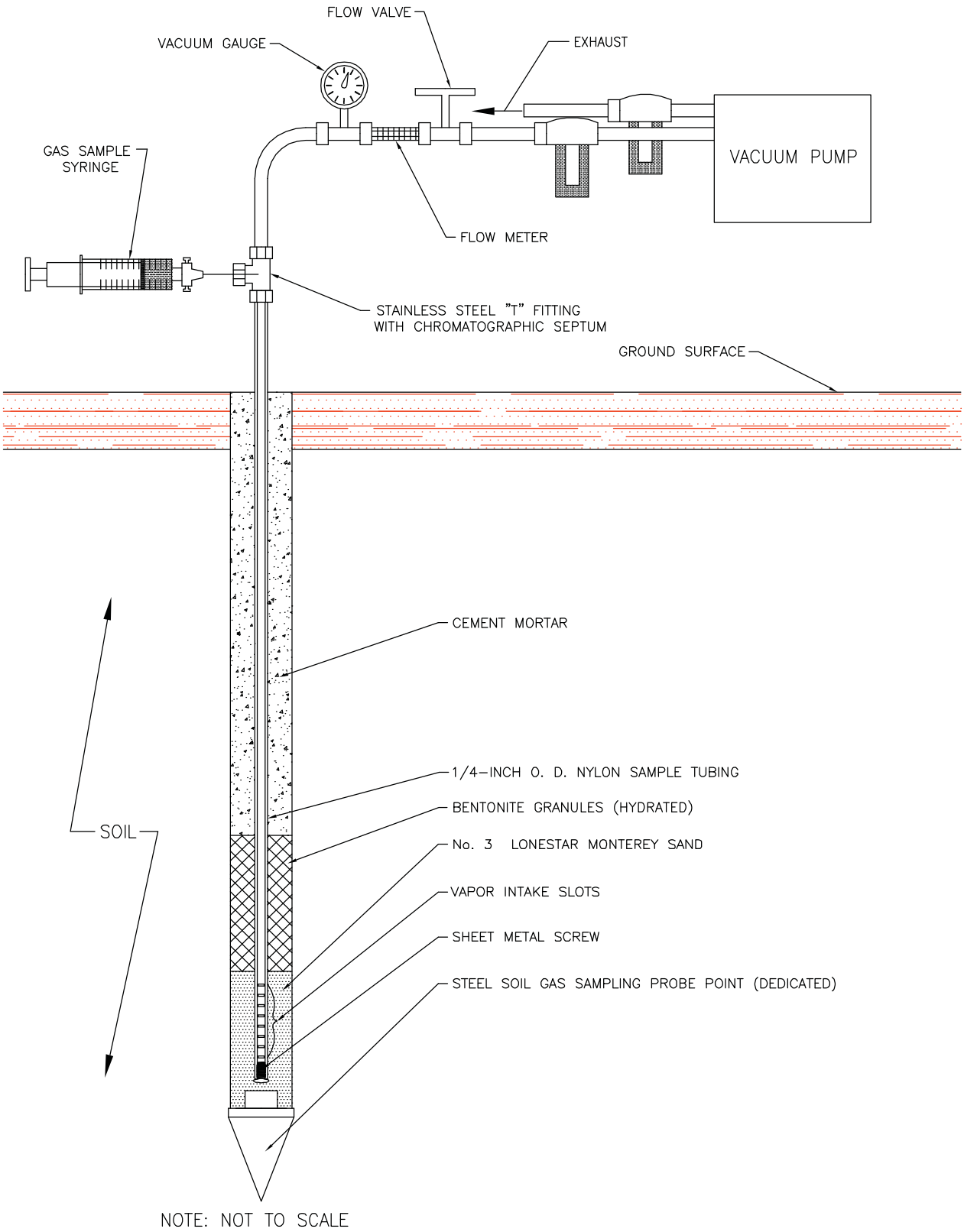
Soil Gas Probe Schematic

FORMER NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

Project Number	CA 623.12.02
Drawing Date	6-03-03
Figure	14



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User Name : mchiu Path\Name : \\CA1FP1\Wanshare\DRAWINGS\NASA-Downey\Final Figures for Editing\Figure 15\15-Schematic of Typical Soil Gas Sampling System.dwg

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Schematic of Typical Soil Gas Sampling System

FORMER NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

Project Number	CA 623.12.02
Drawing Date	6-03-03
Figure	15

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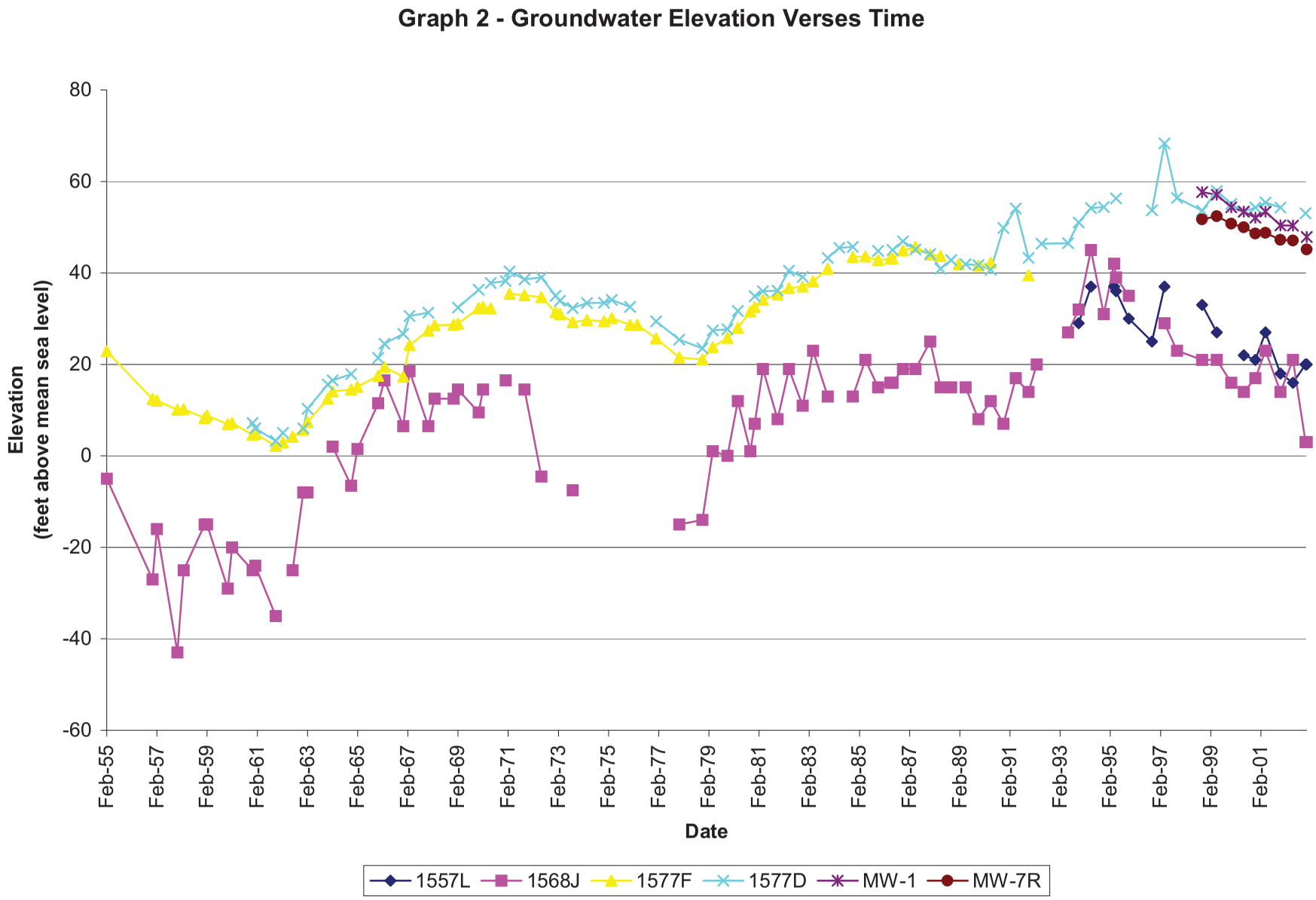
Appendix A

LACDPW Groundwater Elevation Data


Graph 2 - Groundwater Elevation Verses Time
Elevation
(feet above mean sea level)
80
60
40
20
0
-20
-40
-60
Feb-55
Feb-57
Feb-59
Feb-61
Feb-63
Feb-65
Feb-67
Feb-69
Feb-71
Feb-73
Feb-75
Feb-77
Feb-79
Feb-81
Feb-83
Feb-85
Feb-87
Feb-89
Feb-91
Feb-93
Feb-95
Feb-97
Feb-99
Feb-01
Date
1557L
1568J
1577F
1577D
MW-1
MW-7R

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Appendix B

Fate and Transport Assessment

NASA Downey VLEACH Analysis
Former NASA Industrial Plant
Downey, California

PREPARED FOR

International Risk Assumption
Downey, LLC
7991 Shaffer Parkway, #100
Littleton, CO 80127

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VLEACH Input Data Sets

VLEACH Model Output

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LIST OF ACRONYMNS AND ABBREVIATIONS

atm, atmosphere

B244, Builiding 244 area

B287, Builiding 287 area

ERAA, Environmental Responsibility Assumption Agreement

ft, foot or feet

g, grams

in, inches

IRAD, International Risk Assumptions Group Downey

IRZ, *In-situ* Reactive Zone

K, degrees Kelvin

kg, kilograms

L, liters

• g, micrograms

m, meter

MW, monitoring well

PCE, tetrachloroethene

SVE, Soil Vapor Extraction

TCE, trichloroethene

USEPA, United States Environmental Protection Agency

VOC, Volatile Organic Compounds

yr, year

1.0 Introduction

This report presents an evaluation to determine whether the presence of VOCs in the vadose zone beneath the former NASA Downey site (Site) may contribute to VOC impacts of underlying groundwater. This evaluation takes into account current shallow groundwater elevations beneath the Site, which have dropped between 10-15 feet, since previous soil remediation efforts in the source areas of the Site.

1.1 Site Location and Background

The former NASA Downey site is located in Downey, southeast of Los Angeles, California. Figure 2 presents the overall layout of the site. ARCADIS cleanup of the site is taking place under an Environmental Responsibility Assumption Agreement (ERAA) with International Risk Assumptions Group Downey (IRAD). The cleanup focuses on impacted soils beneath former source areas and the shallow groundwater beneath the Site. An interim remedy consisting of an In-situ Reactive Zone (IRZ) program is currently underway to remediate the shallow groundwater. Groundwater cleanup objectives have not been established for the site and will be developed during the preparation of the groundwater Remedial Action Plan (RAP). It is anticipated that groundwater cleanup objectives will allow for residual VOC concentrations that exceed state maximum contaminant levels (MCLs), since no receptors have been identified for the underlying groundwater and groundwater migrating onto the Site is significantly impacted (VOC concentrations exceeding at least 20 times the MCL) due to upgradient VOC sources.

Environmental site investigations have identified two source areas, Building 244 and 287, which the Los Angeles Regional Water Quality Control Board (LARWQCB) determined to require active soil remediation. To date, soil remediation at the Site has consisted of excavation where needed for future site improvements and in-situ Soil Vapor Extraction (SVE) in the Building 244 source area down to a depth of 40 feet below ground surface (bgs), which was the approximate depth to groundwater during the timeframe (late 1990s early 2000s) that SVE was conducted. Since the source area SVE system at Building 244 was shut down, groundwater elevations beneath the Site have dropped between 10-15 feet, exposing VOC-impacted soils that were formerly in the capillary fringe or saturated zone.

1.2 Objectives and Scope

The main objective of this study is to evaluate whether residual soil impacts in the vadose zone at the Site may contribute significantly to VOC impacts of underlying groundwater once the groundwater remedial objectives have been met via the proposed *In-situ* Reactive Zone (IRZ) program. A secondary objective is to determine if additional soil remediation via SVE is necessary to protect the shallow groundwater.

Note that groundwater remedial objectives have not yet been established for the Site, and a soil screening level for protection of groundwater can therefore not be developed at this time.

The scope of this study consisted of developing a VLEACH model of the vadose zone using existing hydrogeologic, physical and chemical data collected at the Site. The major components of the VLEACH modeling performed by ARCADIS are:

A. Development of a conceptual model of the vadose zone source areas.

B. Construction of a transport model for the vadose zone.

C. Calculation of future constituent loading from the vadose zone to the groundwater under varying vadose zone recharge rates.

D. Evaluation of incremental future changes in groundwater concentrations from constituent loading via groundwater recharge.

2.0 Model Construction

ARCADIS used the simulation program VLEACH to develop a numerical model to evaluate the potential leaching of residual contaminants from vadose zone soils beneath the Site. The primary data needed to develop a numerical model using VLEACH include: (1) the horizontal and vertical extent of contamination; (2) the physical properties and characteristics of vadose zone soils; and (3) the physical properties of the constituents of concern. This information plus background constraints form the basis for the numerical model to determine future constituent loading to the underlying groundwater flow system. Figure B-1 illustrates the contaminant pathways simulated by VLEACH. VLEACH simulates vertical transport by advection in the liquid phase toward the water table and by gaseous diffusion in the vapor phase to the atmosphere. Transport is attenuated or slowed only by adsorption or partitioning to soils. The model does not simulate (physical or biological) degradation or liquid-phase dispersion. The model conceptualization, assumptions, and limitations are discussed below.

2.1 Code Selection

VLEACH is a publicly available simulation program developed by the USEPA, Region IX, in 1990. The model was originally developed for the Phoenix-Goodyear Airport Superfund Site where it was used successfully to evaluate groundwater impacts and volatilization of VOCs (Rosenbloom et al., 1993). The program, which is maintained by the USEPA, has been used at numerous sites and has continued to evolve. As formulated, VLEACH does not consider all processes that could affect the fate and transport of organic contaminants in the vadose zone. VLEACH conservatively estimates the impacts and rates of transport because degradation and liquid-phase

dispersion effects that would enhance attenuation of the VOCs within the vadose zone before reaching groundwater are not simulated. Therefore, VLEACH is an acceptable tool for the assessment of the potential for residual contamination to leach from soils and impact underlying groundwater. For this analysis, the most recent version of the program, Version 2.2a (Ravi and Johnson, 1997) has been selected.

2.2 Model Description

VLEACH is a one-dimensional (vertical) finite-difference model designed to simulate the migration of constituents in the vadose zone. The model describes the movement of an organic constituent within and between three different phases: (1) as a solute dissolved in water; (2) as a gas in the vapor phase; and (3) as an adsorbed constituent to the soil matrix (Figure B-1). The model does not simulate water movement. Soil water movement is assumed to be downward at steady state at the rate specified in the data input. VLEACH simulates three transport processes, advection with soil water, adsorption to soil particles, and dispersion of soil gases. The equations and assumptions for each model component are described below.

2.2.1 Steady State Water Movement

The water movement in the liquid phase is assumed to be at steady state; i.e. the average water velocity is equal to the recharge rate divided by the average moisture content. This approximation of water movement is based upon the assumption that gravity is the primary mechanism effecting water movement. Consider the moisture distribution in a thick soil profile with steady infiltration underlain by a water table at depth: the moisture content will be uniform from the upper surface until the water table is approached where the moisture content gradually increases to saturation. The continuity equation describing this process through the vadose zone is as follows:

$$q = -k\frac{d\Phi}{dz} = -k(\theta)\frac{d(\varphi(\theta)+z)}{dz} \qquad (1)$$

where:

q = recharge rate (m/day)

θ = water content (m^3 of water/ m^3 of soil)

$k(\theta)$ = vertical hydraulic conductivity as a function of moisture content (m/day)

$\phi = \varphi(\theta) + z$ = Total potential or head (m)

$\varphi(\theta)$ = matrix potential or pressure head as a function of moisture content (m)

z = elevation (m)

This equation is a general form of Darcy's Law with hydraulic properties and matrix potential related to moisture content. Expanding Equation (1) and noting that when the moisture content is constant, the matrix potential is also constant, we can write:

$$q = -k(\theta)\left[\frac{d\varphi(\theta)}{dz} - \frac{dz}{dz}\right] = -k(\theta)[0+1] = -k(\theta) \qquad (2)$$

The vertical hydraulic conductivity and matrix potential in this equation are constant and recharge is equal to the vertical hydraulic conductivity. This equation does not account for the increase in moisture content as the water table is approached which would slow down the downward velocity. Therefore, the steady-state assumption decreases advective travel times and consequently increases predicted groundwater impacts as compared to a more rigorous solution of steady-state infiltration. This overestimate of advective travel time is also true for transient infiltration that would result from periodic recharge events. Ritchie (1982) demonstrated that use of equation (2) to evaluate recharge as a series of uniform periodic events (i.e., storms) slowed the net movement of water. The periodicity of the phenomenon results in slightly higher average moisture contents, which slows down the net movement of water.

A reasonable estimate of average moisture content is field capacity. Field capacity is the moisture content in a soil profile when infiltration has nearly stopped after the soil was thoroughly wetted by heavy rain; it is the water content when capillary forces are in equilibrium with gravitational forces. The average moisture content in any soil profile, through which percolation has recently occurred, is thus equal to or greater than field capacity. Therefore, the assumption of field capacity results in a conservative estimate of groundwater travel times (the moisture content is underestimated thus the velocity is overestimated).

2.2.2 Advective Transport of Dissolved Constituents

Advective transport of dissolved constituents in soil water is computed using the following equation:

$$\frac{\partial C_l}{\partial t} = -\frac{q}{\theta}\frac{\partial C_l}{\partial z} \tag{3}$$

where C_l is the dissolved constituent concentration, t is time, and z is depth or distance in the vertical direction. The above equation is solved in VLEACH using an implicit finite-difference method. This equation does not explicitly describe the dispersive movement of a contaminant; however, the solution technique employed results in numerical dispersion. Numerical dispersion for this application is approximately equal to one-half of the vertical mesh spacing and should be interpreted, as would physical dispersion (Zheng and Bennett, 2002). The effects are evident in the examples presented in the VLEACH documentation by the long tailing off in predicted mass loading to the water tables. These effects are not discussed in the model documentation.

2.2.3 Dispersive Transport of Gas Phase Constituents

The transport of the gas phase constituents are computed using the following dispersion equation:

$$\frac{\partial C_g}{\partial t} = D\frac{\partial^2 C_g}{\partial z^2} \tag{4}$$

Where C_g is the gas phase concentrations and D is the gas diffusion coefficient of the constituent in air-filled pore spaces computed using the Millington Equation (Millington, 1959).

$$D = D_a \frac{\theta_a^{7/3}}{\theta_e^2} \tag{5}$$

where D_a is the free-air diffusion coefficient of the constituent, θ_e is the effective porosity, and θ_a is the air filled porosity (θ_e-θ). The determination of the gas diffusion coefficient via Equation (5) in VLEACH rather than using an alternative equation reported in the literature is based upon a detailed evaluation provided by Javaheran (1994). Equation (4) is solved in VLEACH using an implicit finite-difference method.

2.2.4 Adsorption and Phase Partitioning

VLEACH assumes there is equilibrium between each constituent phase, i.e., soil concentrations are in equilibrium with water concentrations, which are in equilibrium with gas concentrations (Jury et al., 1983, 1990). The relationship between the soil and water phase is written as follows:

$$C_s = K_d C_L \tag{6}$$

where:

C_s = constituent concentration in soil [µg/g ≡ mg/kg]

C_L = constituent concentration in soil water [g/m^3 ≡ mg/L]

$K_d = f_{oc} \times K_{oc}$ = distribution coefficient [cm^3/g]

K_{oc} = distribution coefficient normalized to organic carbon [cm^3/g ≡ L/kg]

f_{oc} = fraction of organic carbon [g/g]

Equation (6) describes the adsorption of organic constituents to mineralized organic carbon in the soil. This adsorption site is the most important adsorption site in soils when organic carbon is present. In the absence of organic carbon there is only slight tendency for organic compounds to adhere directly to soil particles (Karickhoff, et al., 1979; Schwarzenbach, et al., 1983). The forces binding organics via these mechanisms are much weaker than those associated with organic carbon. The attachment of organic compounds to soil could be represented similarly to Equation (6) by an alternative distribution coefficient normalized to bulk density. This is not done however as these adsorption sites and associated forces are too small to be significant. Schwarzenbach et al. (1983) noted that the "retention of even highly lipophilic compounds such as hexachlorobenzene is rather small in aquifers composed of materials of low organic carbon content (i.e., $f_{oc} < 0.001$)." Therefore the use of Equation (6) in VLEACH is reasonable since the average f_{oc} content for the Site (0.004) is greater than 0.001.

The relationship of the concentrations of a volatile component within the water and gas phase assuming stationary equilibrium conditions is written as follows:

$$C_G = H' C_L \tag{7}$$

where:

C_G = VOC concentration in soil gas [g/m^3 ≡ mg/L]

H' = H/(RT) = dimensionless Henry's Law constant [dimensionless]

H = Henry's Law constant [atm-m^3/mol]

R = ideal gas constant [8.20575×10^{-5} atm-m^3/mol-K]

T = absolute temperature [K]

The total mass of contaminant in the soil, adsorbed (solid), dissolved (liquid), and gaseous, is expressed as follows:

$$C_T = \rho_d C_s + \theta_w C_L + \theta_a C_G \quad (8)$$

where:

C_T = total contaminant in soil [g/m^3 ≡ mg/L]

ρ_d = soil dry bulk density [g/cm^3 ≡ kg/L]

The equilibrium distribution of contaminants defined using the above equations is conceptualized as occurring in distinct, user-defined polygons that are vertically divided into a series of uniformly spaced layers or cells (Figure B-2). This equilibrium distribution between phases is also assumed to occur instantaneously within each cell of each polygon. This general approach and assumptions concerning partitioning between phases is consistent with most fate and transport models used to assess environmental conditions and select remedial alternatives. The polygons may differ in soil properties, recharge rates, and depth to water; however, conditions within each polygon are assumed homogeneous, except for contaminant concentrations, which can vary for each layer (or cell).

2.3 TCE and PCE Concentrations – Initial Conditions in the Vadose Zone

Tables B-1 and B-2 present the currently available soil data for the Site. Soil concentrations generally attenuate by several orders-of-magnitude with depth below 40 feet bgs demonstrated by area below:

- The post-SVE PCE concentrations in the Building 244 area (Table B-1) decrease by a factor of 106 to 1243 (average factor is 541) between 45 and 50 feet bgs
- The TCE concentrations in the Building 287 area (Table B-2) decrease by a factor of 1.4 to 8.3 (average factor is 5) between 45 and 50 feet bgs

Since the residual impacts beneath the Building 244 area are much higher than those for the Building 287 area, the VLEACH modeling will be focused only on the Building 244 area.

2.4 Model Inputs

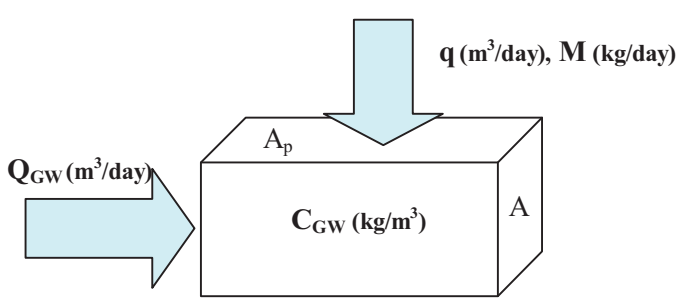
The data input for the model is summarized in Table B-3. The domain or discretization of the model is defined by the area, thickness, and number of cells for each polygon. Within each polygon, the bulk density, porosity, water content, recharge, depth to water, and the constituent concentration in each cell are specified.

The size of each polygon will affect the estimated mass loading to the groundwater as the total mass in the model is a function of area, concentration, and thickness (or depth to water). The size of each polygon was developed by using the Thiessen method. This method assigns an area called a Thiessen polygon to each boring location. The Thiessen polygon of a boring location is the region for which if we choose any point at random in the polygon, that point is closer to this particular boring than to any other boring in the site. In effect, the polygon surface is assumed to be constant throughout the depth of the boring. The VOC concentration throughout the Thiessen polygon is assumed to be equal to the concentration value at the boring location. The polygon extents are sufficient to ensure a full accounting and evaluation of the potential impact to groundwater. The resultant polygons for Building 244 are included in Figure B-3. The complete data input file to VLEACH is included in Attachment 1.

3.0 VLEACH Model Estimates

To calculate the resulting concentration in the underlying groundwater, a conceptual box model (see below) was developed to estimate increases in groundwater concentrations from the VLEACH results (as cumulative mass in grams per year). This box model calculates the total concentration in the groundwater based on the mass flux estimated from VLEACH model simulations and the total flow in the groundwater (groundwater flow and recharge).

Conceptual Box Model



$$C_{GW} = \frac{M}{Q_T}$$

Where:

C_{GW} is the concentration in the groundwater

M is the constituent mass flux obtained from model simulations

Q_T is the total inflow to the box model $Q_T = q + Q_{GW}$

q is the recharge flow $q = R \cdot A_p$

R is the (vertical) recharge rate

A_p is the area of the polygons

Q_{GW} is the groundwater flow according to Darcy's law : $Q_{GW} = A \cdot \frac{K}{\phi} \cdot \frac{\Delta h}{\Delta L}$

A is the expected compliance area perpendicular to the groundwater flow,

K is the hydraulic conductivity (L/T), 200 ft/day (average value of field reported values of 100-300 ft/day)

ϕ is the mobile porosity: 0.06

$\frac{\Delta h}{\Delta L}$ is the gradient = 0.001 (from potentiometric surface map-Arcadis-4th quarter, 2004). Although the gradient could vary slightly for each of the polygons, a homogeneous value was assumed since the results from the model are computed for the entire area.

3.1 Building 244 area

The results of the VLEACH modeling are included in Attachment 2, and summarized in Figure B-4. Figure B-4 is a summary of the predicted PCE mass loading to the groundwater. VLEACH predicts that the total PCE mass leaching from the soil is 731 grams per year. By using the box model defined in the previous section, this mass loading value results in a maximum PCE concentration in the underlying groundwater of 7.8 • g/l. This concentration would decline at a fairly uniform rate of approximately 15 percent per year during the first ten years of simulation and it decreases to a 5 percent decline after 30 years. The predicted mass loading to the groundwater is approximately a straight line on a semi-log plot because the primary mechanism simulated in VLEACH that reduces concentrations is leaching from precipitation recharge. The other simulated mechanisms, adsorption and volatilization, are secondary processes and act primarily to slow constituent movement. Therefore, the single most important data input parameter which affects model predictions is precipitation recharge.

The annual groundwater recharge rate used for the VLEACH analysis was 12 in/yr. This value is reasonable considering local climatic conditions. A sensitivity analysis was performed to quantify the effects of increasing and decreasing precipitation recharge. If recharge was 30 in/yr (a higher value due to irrigation practices), the maximum PCE concentration leaching to the groundwater would be 9.6 • g/l but would rapidly decrease due to more flushing relative to lower recharge rates. This maximum mass loading value is only 22% higher than the predicted maximum groundwater loading when recharge is 12 in/yr even though recharge is 150% higher. If recharge is reduced to 3 in/yr, the maximum PCE concentration leaching to groundwater is reduced to 7.1 • g/l. This value is only 10% lower while the recharge rate is 75% lower than 12 in/yr. This analysis shows that the maximum mass loading is moderately sensitive to significant changes in precipitation recharge. Natural climatic variability will therefore not significantly affect constituent leaching.

The free air diffusion coefficient was also varied to evaluate the effects of vapor phase flow and transport. Consistent with the predictions of Javaheran (1994), the exclusion of free air diffusion decreases constituent mobility and potential impacts; peak groundwater impacts will decrease by 80%.

3.2 Estimated Groundwater Concentrations

The modeling results predict slight impacts to groundwater from residual PCE in the vadose zone soils. Pore water concentrations in the soil range from 8,700 µg/kg to less than 5 µg/kg. These values result in PCE concentrations in groundwater at a maximum of 7.8 • g/l, which is slightly above the MCL (5 • g/l). The values would be below the MCL if the free air diffusion through air is neglected, since it reduces mobility and potential impacts (Javaheran, 1994). In summary, the values estimated via the VLEACH model represent the maximum potential groundwater impacts due to the conservative simplifications and assumptions that form the basis of the analysis.

4.0 Conclusions

Modeling conducted with VLEACH indicates that the residual PCE concentrations in the soil may temporarily increase groundwater impacts by approximately 7.8 µg/L or slightly above the MCL of 5 µg/L (if background levels were negligible, which is not the case at the former NASA Downey Site). It should be noted that the groundwater action levels for the site have not yet been established, but will likely be several orders of magnitude higher than the MCLs due to several factors:

- Groundwater entering the site is already impacted by up-gradient sources to levels as high as 200 µg/L.
- Exposure pathways for potential receptors are incomplete.

- The shallow aquifer is not suitable for potable use due to poor secondary water quality and low yield.

In addition, the assumptions inherent in VLEACH and the parameters selected for this analysis present conditions that are considered extremely conservative.

ARCADIS therefore concludes that previous remediation in combination with the proposed SVE at Building 244 will have adequately addressed the impacted vadose zone soils at the site.

5.0 References

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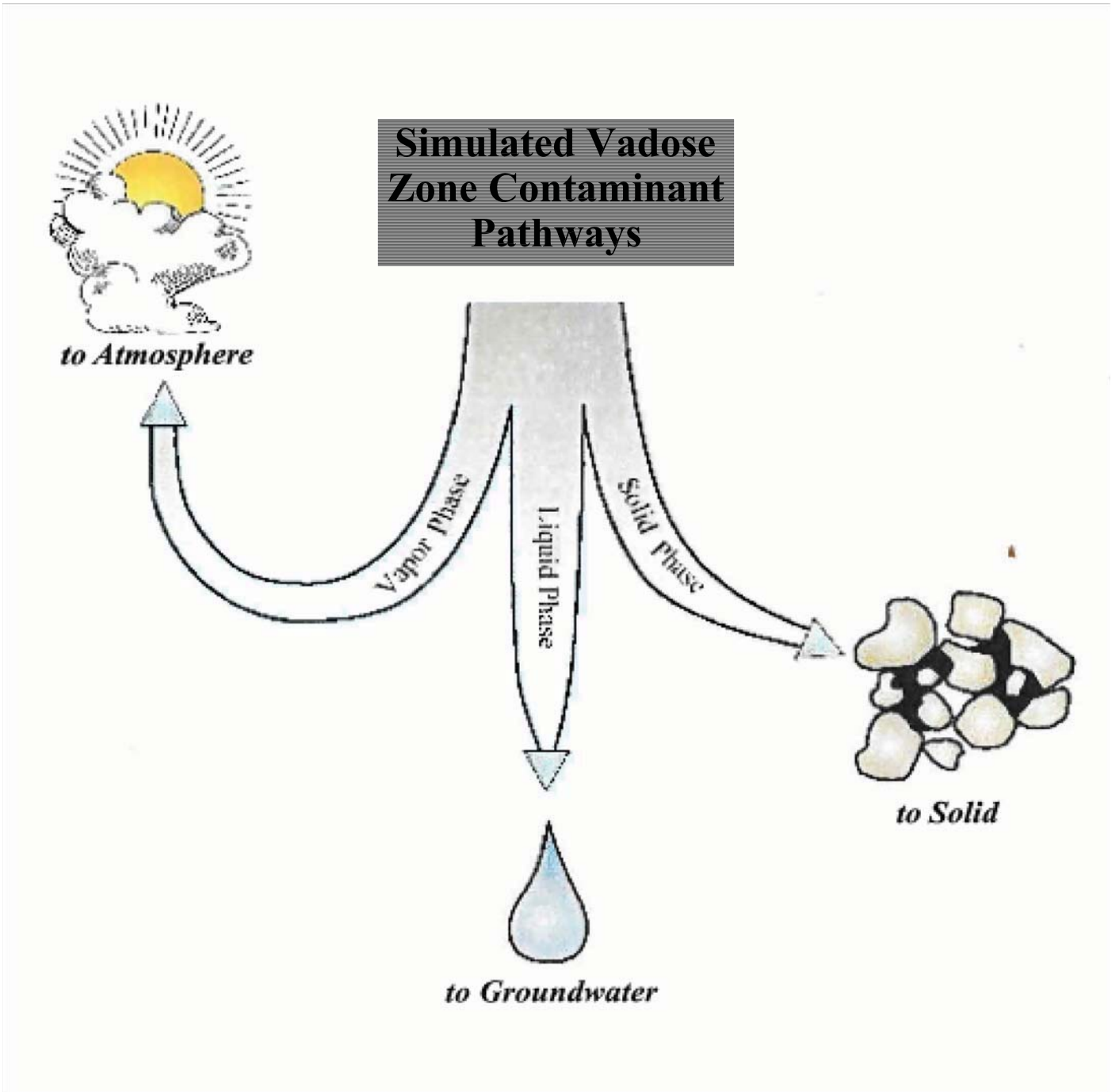
Figures



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Acad Version : R16.1s (LMS Tech)
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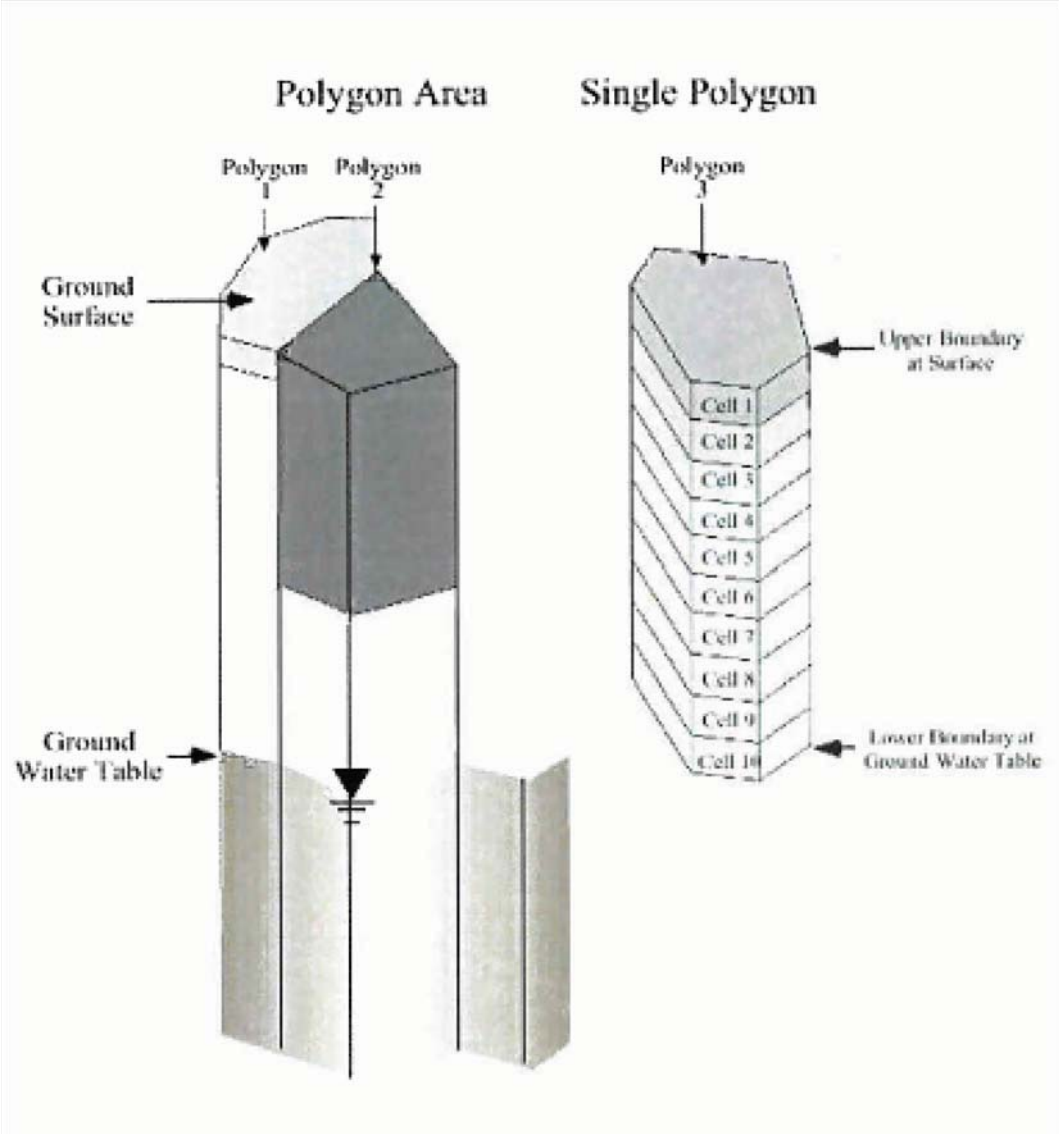
Schematic Diagram of Contaminant Pathways simulated by VLEACH

FORMER NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

Project Number	CA623.12.02
Drawing Date	6-01-06
Figure	B-1



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Schematic Diagram of Vertical Discretization (Cells) Within A Single Polygon

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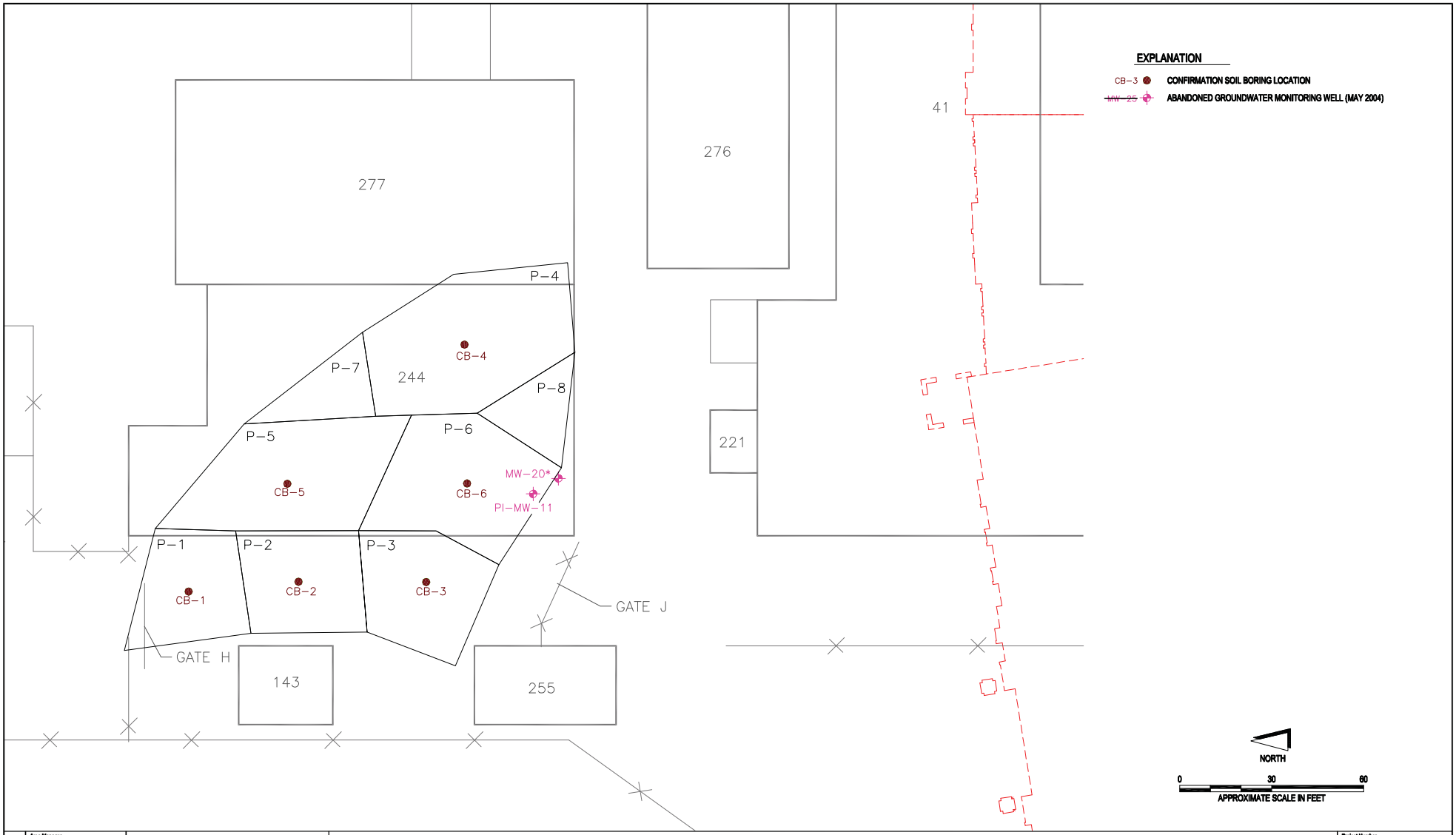
DOWNEY, CALIFORNIA

Project Number	CA623.12.02
Drawing Date	6-01-06
Figure	B-2



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Dwg Last Edited On: 09 Jun 2006 – 4:17pm

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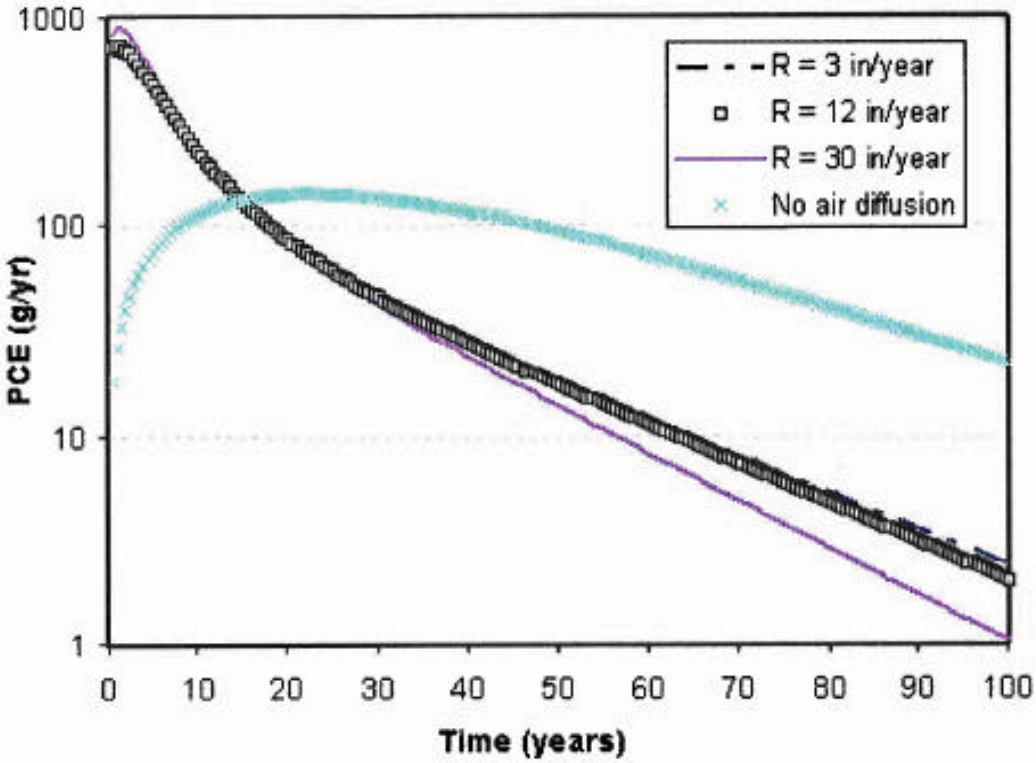
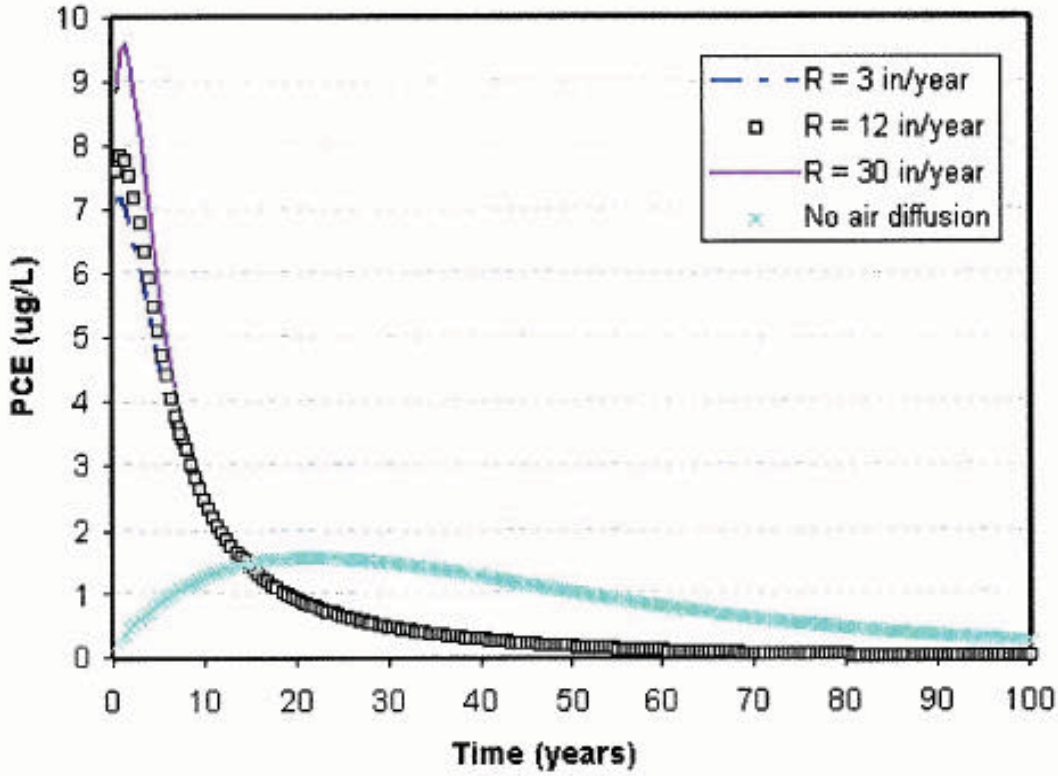
POLYGONS FOR VLEACH ANALYSIS
BUILDING 244 AREA

FORMER NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

Project Number	CA000623.0012.CA002
Drawing Date	17 FEB 2006
Figure	B-3





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User Name : mchiu

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VLEACH Predicted PCE Loading to Groundwater B244 Area

FORMER NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

Project Number	CA623.12.02
Drawing Date	6-01-06
Figure	B-4

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Tables

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Table B-1 - Summary of Earth Tech Confirmation Soil Sample Laboratory Results
Building 244 Source Area
Former NASA Downey Facility, Downey, California

Boring Number	Reference	Sample ID	Depth (feet bgs)	Pre-SVE Operation PCE Concentrations (µg/kg) (1)	Post-SVE Operation PCE Concentrations (µg/kg) (1)
CB1	Earth Tech 2004	CB1-5	5	-	<5.9
		CB1-10	10	**1,600**	<5.7
		CB1-15	15	-	<6.2
		CB1-20	20	5	<6.0
		CB1-25	25	-	<6.1
		CB1-30	30	-	60
		CB1-35	35	<5	240
		CB1-40	40	-	88
		CB1-45	45	32	**1,800**
		CB1-50	50	-	17
CB2	Earth Tech 2004	CB2-5	5	-	40
		CB2-10	10	**1,900**	<5..5
		CB2-15	15	**2,700**	<5.9
		CB2-20	20	-	<6.5
		CB2-25	25	-	<6.7
		CB2-30	30	**550**	<6.9
		CB2-35	35	<5	**530**
		CB2-40	40	-	360
		CB2-45	45	184	7.3
		CB2-50	50	-	280
CB3	Earth Tech 2004	CB3-5	5	-	<6.1
		CB3-10	10	5	<5.4
		CB3-15	15	**2,700**	<8.2
		CB3-20	20	-	<7.0
		CB3-25	25	-	<5.7
		CB3-30	30	**550**	93
		CB3-35	35	<25	35
		CB3-40	40	-	38
		CB3-45	45	215	**1,000**
		CB3-50	50	-	<6.3
CB4	Earth Tech 2004	CB4-5	5	-	7.4
		CB4-10	10	22	<5.5
		CB4-15	15	-	<5.6
		CB4-20	20	9	<6.6
		CB4-25	25	-	<5.8J
		CB4-30	30	-	<6.5
		CB4-35	35	**2,140**	51
		CB4-40	40	-	370
		CB4-45	45	**2,000**	**8,700**
		CB4-50	50	-	<7.0
CB5	Earth Tech 2004	CB5-5	5	-	5.5
		CB5-10	10	**1,100,000**	<5.6
		CB5-15	15	**1,000,000**	<5.8
		CB5-20	20	300	<6.5
		CB5-25	25	31	6.2
		CB5-30	30	130	12
		CB5-35	35	**1,900**	27
		CB5-40	40	-	**380**
		CB5-45	45	**16,000**	**920**
		CB5-50	50	-	2.8J
CB6	Earth Tech 2004	CB6-5	5	270	<5.7
		CB6-10	10	53	<6.9
		CB6-15	15	**6,800**	<6.0
		CB6-20	20	-	<6.5
		CB6-25	25	9	<5.9
		CB6-30	30	56	<5.9
		CB6-35	35	**3,900**	170
		CB6-40	40	-	8.9
		CB6-45	45	**6,750**	**5,900**
		CB6-50	50	-	<6.8

Notes:
Soils results reported in micrograms per kilogram
PCE - tetrachloroethene
ft bgs - Feet below pre-development ground surface.
1) **Bold** values exceed one of more of the TCL values included in Table X.1

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Table B-2. Summary of Past Subsurface Soil Laboratory Results
Building 287 Source Area
Former NASA Downey Facility, Downey, California

Boring Number	Reference	Sample ID	Depth (ft bgs)	Description	PCE (µg/kg)[1)]	TCE (µg/kg)[1)]
B-1	Earth Tech 2001	NASA-B287-B1-15	15	Boring located outside of north wall of building approximately 45 feet west of northeast corner of building.	<1.7	27
		NASA-B287-B1-20	20		<1.9	92
		NASA-B287-B1-25	25		<2.1	<2.1
		NASA-B287-B1-30	30		<1.9	12
		NASA-B287-B1-35	35		<40	<60
		NASA-B287-B1-40	40		<67	**750**
		NASA-B287-B1-45	45		<74	**820**
		NASA-B287-B1-50	50		<70	**600**
B-2	Earth Tech 2001	NASA-B287-B2-15	15	Adjacent to west side of former sump.	3.4J	10
		NASA-B287-B2-20	20		2.4J	**190**
		NASA-B287-B2-25	25		<1.9	**120**
		NASA-B287-B2-30	30		<2.1	15
		NASA-B287-B2-35	35		<2.1	6
		NASA-B287-B2-40	40		19	**370**
		NASA-B287-B2-45	45		4.2J	89
		NASA-B287-B2-50	50		3.2J	57
B-3	Earth Tech 2001	NASA-B287-B3-15	15	Adjacent to south side of former sump.	2.8J	**120**
		NASA-B287-B3-20	20		4	**250**
		NASA-B287-B3-25	25		<2.6	<2.6
		NASA-B287-B3-30	30		<2.4	11
		NASA-B287-B3-35	35		<80	**530**
		NASA-B287-B3-40	40		<2.1	20
		NASA-B287-B3-45	45		<80	**580**
		NASA-B287-B3-50	50		<2.2	79
		NASA-B287-B3-55	55		<2	20
SB-13	Earth Tech 2002b	SB13-23.5	23.5	Located immediately adjacent to Boring B-3.	<2.3J	**130**
		SB13-45	45		<74	**1,500**
		SB-13-50	50		3.0J	**180**
B-1	ARCADIS	A287-B1@5'	5		<5	<5
		A287-B1@10'	10		<5	<5
		A287-B1@15'	15		<5	<5
		A287-B1@20'	20		<5	10
		A287-B1@30'	30		<5	<5
		A287-B1@40'	40		<5	19
B-2	ARCADIS	A287-B2@5'	5		<5	<5
		A287-B2@10'	10		<5	<5
		A287-B2@20'	20		<5	16
		A287-B2@30'	30		<5	<5
		A287-B2@40'	40		<5	<5
B-3	ARCADIS	A287-B3@5'	5		7	<5
		A287-B3@10'	10		<5	<5
		A287-B3@20'	20		23	18
		A287-B3@30'	30		<5	<5
		A287-B3@40'	40		<5	<5
B-4	ARCADIS	A287-B4@5'	5		<5	5.6
		A287-B4@10'	10		<5	40
		A287-B4@20'	20		<5	**120**
		A287-B4@30'	30		<5	<5
		A287-B4@40'	40		<5	<5
		A287-B4@50'	50		<5	<5
B-5	ARCADIS	A287-B5@5'	5		<5	5.8
		A287-B5@10'	10		<5	<5
		A287-B5@20'	20		<5	24
		A287-B5@30'	30		15	**380**

Notes:

Soils results reported in micrograms per kilogram

PCE - tetrachloroethene

TCE - trichloroethene

ft bgs - Feet below pre-development ground surface.

1) **Bold** values exceed one of more of the TCL values included in Table X.1

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Table B-3. Summary of VLEACH Input Parameters
Building 244 Source Area
Former NASA Downey Facility, Downey, California

Polygon		PIN-1	PIN-2	PIN-3	PIN-4	PIN-5	PIN-6	PIN-7	PIN-8
Area (ft^2)		1227.49	1296	1433.6	2540.82	2171.41	1968.28	592.44	557.84
Representative boring locations		CB-1	CB-2	CB-3	CB-4	CB-5	CB-6	no boring	no boring
Residual soil concentrations (ug/kg)									
	5	<5.9	40	<6.1	7.4	5.5	<5.7	0.0	0.0
	10	<5.7	<5.5	<5.4	<5.5	<5.6	<6.9	0.0	0.0
	15	<6.2	<5.9	<8.2	<5.6	<5.8	<6.0	0.0	0.0
	20	<6.0	<6.5	<7.0	<6.6	<6.5	<6.5	0.0	0.0
	25	<6.1	<6.7	<5.7	<5.8J	6.2	<5.9	0.0	0.0
	30	60	<6.9	93	<6.5	12	<5.9	0.0	0.0
	35	**240**	**530**	35	51	27	**170**	0.0	0.0
	40	88	**360**	38	**370**	**380**	8.9	0.0	0.0
	45	**1,800**	7.3	**1,000**	**8,700**	**920**	**5,900**	0.0	0.0
	50	17	**280**	<6.3	<7.0	2.8J	<6.8	0.0	0.0
Physical parameters for site soils									
Dry bulk density		1.44	g/cc	Source: Summary of Geotechnical Boring, ARCADIS					
Total porosity		0.46		Source: Summary of Geotechnical Boring, ARCADIS					
Water content		0.26		Source: Summary of Geotechnical Boring, ARCADIS					
Organic Carbon Content		0.004	kg/kg	Source: Summary of Geotechnical Boring, ARCADIS					
Physical Properties for Tetrachloroethylene (PCE)									
Distribution coefficient		660.7	ml/g	Source:VLEACH documentation Appendix A-1					
Henry's coefficient		0.0027	n-m^3/r	Source:VLEACH documentation Appendix A-1					
Dimensionless Henry's coefficient		0.923		Source:VLEACH documentation Appendix A-1					
Aqueous solubility		150	mg/L	Source:VLEACH documentation Appendix A-1					
Free Air Diffusion Coefficient		0.68	m^2/day	Source:VLEACH documentation Appendix A-1					

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Attachments

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Attachment 1

B244

```
NASA Downey-B244 V-Leach model -- PCE
  8
     0.05      100.       0.5       0.5
    660.7     0.923      150.      0.68
Area 1, Boring CB-1
   1227.5       5.0      1.00      1.44      0.46     0.260    0.0040
      0.0       0.0       0.0
  10y       0.5
   1    1       5.9
   2    2       5.7
   3    3       6.2
   4    4       6.1
   5    5      60.0
   6    6      60.0
   7    7     240.0
   8    8      88.0
   9    9    1800.0
  10   10      17.0
Area 2, Boring CB-2
  1295.91       5.0      1.00      1.44      0.46     0.260    0.0040
      0.0       0.0       0.0
  10y       0.5
   1    1      40.0
   2    2       5.5
   3    3       5.9
   4    4       6.5
   5    5       6.7
   6    6       6.9
   7    7     530.0
   8    8     360.0
   9    9       7.3
  10   10     280.0
Area 3, Boring CB-3
  1433.62       5.0      1.00      1.44      0.46     0.260    0.0040
      0.0       0.0       0.0
  10y       0.5
   1    1       6.1
   2    2       5.4
   3    3       8.2
   4    4       7.0
   5    5       5.7
   6    6      93.0
   7    7      35.0
   8    8      38.0
   9    9    1000.0
  10   10       6.3
Area 4, Boring CB-4
  2540.82       5.0      1.00      1.44      0.46     0.260    0.0040
      0.0       0.0       0.0
  10y       0.5
   1    1       7.4
   2    2       5.5
```

```
   3    3       5.6
   4    4       6.6
   5    5       5.8
   6    6       6.5
   7    7      51.0
   8    8     370.0
   9    9    8700.0
  10   10       7.0
Area 5, Boring CB-5
  2171.41       5.0      1.00      1.44      0.46     0.260    0.0040
     0.0       0.0       0.0
  10y       0.5
   1    1       5.5
   2    2       5.6
   3    3       5.8
   4    4       6.5
   5    5       6.2
   6    6      12.0
   7    7      27.0
   8    8     380.0
   9    9     920.0
  10   10       2.8
Area 6, Boring CB-6
  1968.28       5.0      1.00      1.44      0.46     0.260    0.0040
     0.0       0.0       0.0
  10y       0.5
   1    1       5.7
   2    2       6.9
   3    3       6.0
   4    4       6.5
   5    5       5.9
   6    6       5.9
   7    7     170.0
   8    8       8.9
   9    9    5900.0
  10   10       6.8
Area 7, no Boring
   592.44       5.0      1.00      1.44      0.46     0.260    0.0040
     0.0       0.0       0.0
  10y       0.5
   1   10       0.0
Area 8, no Boring
   557.84       5.0      1.00      1.44      0.46     0.260    0.0040
     0.0       0.0       0.0
  10y       0.5
   1   10       0.0
```

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Attachment 2

```
 |-------------------------------------------------------------|
 |                VLEACH (Version 2.2a, 1996)                  |
 |                                                             |
 |                          By:                                |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|

NASA Downey-B244 V-Leach model -- PCE


Polygon   1
At time =       0.00, total mass in vadose zone =    0.46665    g/sq.ft.
Mass in gas phase     =      0.20268E-01g/sq.ft.
Mass in liquid phase  =      0.28546E-01g/sq.ft.
Mass sorbed           =      0.41784    g/sq.ft.


Polygon   1
At time =       0.50, total mass in vadose zone =    0.45079    g/sq.ft.
Mass in gas phase     =      0.19579E-01g/sq.ft.
Mass in liquid phase  =      0.27576E-01g/sq.ft.
Mass sorbed           =      0.40363    g/sq.ft.

Since last printout at time =       0.00
               Change in Total Mass =    -0.15862E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51667E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.23681E-03g/sq.ft.
                    Diffusion in from water table =    -0.15108E-01g/sq.ft.
               Total inflow at boundaries =    -0.15862E-01g/sq.ft.
               Mass discrepancy =     0.12893E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15862E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51667E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.23681E-03g/sq.ft.
                    Diffusion in from water table =    -0.15108E-01g/sq.ft.
               Total inflow at boundaries =    -0.15862E-01g/sq.ft.
               Mass discrepancy =     0.12893E-07g/sq.ft.


Polygon   1
At time =       1.00, total mass in vadose zone =    0.43389    g/sq.ft.
Mass in gas phase     =      0.18845E-01g/sq.ft.
Mass in liquid phase  =      0.26543E-01g/sq.ft.
Mass sorbed           =      0.38851    g/sq.ft.

Since last printout at time =       0.50
               Change in Total Mass =    -0.16895E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97448E-03g/sq.ft.
```

```
                    Diffusion in from atmosphere =     -0.23983E-03g/sq.ft.
                    Diffusion in from water table =    -0.15681E-01g/sq.ft.
               Total inflow at boundaries =    -0.16895E-01g/sq.ft.
               Mass discrepancy =    -0.73924E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.32756E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14911E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.47664E-03g/sq.ft.
                    Diffusion in from water table =    -0.30789E-01g/sq.ft.
               Total inflow at boundaries =    -0.32756E-01g/sq.ft.
               Mass discrepancy =     0.64028E-08g/sq.ft.


Polygon   1
At time =       1.50, total mass in vadose zone =    0.41676    g/sq.ft.
Mass in gas phase     =      0.18101E-01g/sq.ft.
Mass in liquid phase  =      0.25494E-01g/sq.ft.
Mass sorbed           =      0.37316    g/sq.ft.

Since last printout at time =       1.00
               Change in Total Mass =    -0.17136E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12425E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.24977E-03g/sq.ft.
                    Diffusion in from water table =    -0.15644E-01g/sq.ft.
               Total inflow at boundaries =    -0.17136E-01g/sq.ft.
               Mass discrepancy =    -0.34925E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.49893E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27337E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.72641E-03g/sq.ft.
                    Diffusion in from water table =    -0.46433E-01g/sq.ft.
               Total inflow at boundaries =    -0.49893E-01g/sq.ft.
               Mass discrepancy =    -0.24505E-07g/sq.ft.


Polygon   1
At time =       2.00, total mass in vadose zone =    0.39989    g/sq.ft.
Mass in gas phase     =      0.17368E-01g/sq.ft.
Mass in liquid phase  =      0.24462E-01g/sq.ft.
Mass sorbed           =      0.35805    g/sq.ft.

Since last printout at time =       1.50
               Change in Total Mass =    -0.16872E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13822E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.26530E-03g/sq.ft.
                    Diffusion in from water table =    -0.15225E-01g/sq.ft.
               Total inflow at boundaries =    -0.16872E-01g/sq.ft.
               Mass discrepancy =    -0.13330E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.66765E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41159E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.99171E-03g/sq.ft.
                    Diffusion in from water table =    -0.61658E-01g/sq.ft.
               Total inflow at boundaries =    -0.66765E-01g/sq.ft.
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               Mass discrepancy =    -0.38766E-07g/sq.ft.


Polygon   1
At time =       2.50, total mass in vadose zone =    0.38359    g/sq.ft.
Mass in gas phase     =      0.16660E-01g/sq.ft.
Mass in liquid phase  =      0.23465E-01g/sq.ft.
Mass sorbed           =      0.34346    g/sq.ft.

Since last printout at time =       2.00
               Change in Total Mass =    -0.16299E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14363E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.28532E-03g/sq.ft.
                    Diffusion in from water table =    -0.14578E-01g/sq.ft.
               Total inflow at boundaries =    -0.16299E-01g/sq.ft.
               Mass discrepancy =    -0.25902E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.83065E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55522E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.12770E-02g/sq.ft.
                    Diffusion in from water table =    -0.76235E-01g/sq.ft.
               Total inflow at boundaries =    -0.83065E-01g/sq.ft.
               Mass discrepancy =    -0.54482E-07g/sq.ft.


Polygon   1
At time =       3.00, total mass in vadose zone =    0.36804    g/sq.ft.
Mass in gas phase     =      0.15985E-01g/sq.ft.
Mass in liquid phase  =      0.22514E-01g/sq.ft.
Mass sorbed           =      0.32954    g/sq.ft.

Since last printout at time =       2.50
               Change in Total Mass =    -0.15551E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14347E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.30885E-03g/sq.ft.
                    Diffusion in from water table =    -0.13807E-01g/sq.ft.
               Total inflow at boundaries =    -0.15551E-01g/sq.ft.
               Mass discrepancy =     0.20489E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.98615E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.69869E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.15859E-02g/sq.ft.
                    Diffusion in from water table =    -0.90043E-01g/sq.ft.
               Total inflow at boundaries =    -0.98615E-01g/sq.ft.
               Mass discrepancy =    -0.20489E-07g/sq.ft.


Polygon   1
At time =       3.50, total mass in vadose zone =    0.35332    g/sq.ft.
Mass in gas phase     =      0.15346E-01g/sq.ft.
Mass in liquid phase  =      0.21614E-01g/sq.ft.
Mass sorbed           =      0.31636    g/sq.ft.

Since last printout at time =       3.00
               Change in Total Mass =    -0.14716E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.13979E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.33504E-03g/sq.ft.
                    Diffusion in from water table =    -0.12983E-01g/sq.ft.
               Total inflow at boundaries =    -0.14716E-01g/sq.ft.
               Mass discrepancy =     0.27067E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.11333    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.83848E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.19209E-02g/sq.ft.
                    Diffusion in from water table =    -0.10303    g/sq.ft.
               Total inflow at boundaries =    -0.11333    g/sq.ft.
               Mass discrepancy =    -0.32131E-07g/sq.ft.


Polygon   1
At time =       4.00, total mass in vadose zone =    0.33947    g/sq.ft.
Mass in gas phase     =      0.14744E-01g/sq.ft.
Mass in liquid phase  =      0.20766E-01g/sq.ft.
Mass sorbed           =      0.30396    g/sq.ft.

Since last printout at time =       3.50
               Change in Total Mass =    -0.13854E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13402E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.36318E-03g/sq.ft.
                    Diffusion in from water table =    -0.12150E-01g/sq.ft.
               Total inflow at boundaries =    -0.13854E-01g/sq.ft.
               Mass discrepancy =     0.19325E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.12719    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97250E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.22841E-02g/sq.ft.
                    Diffusion in from water table =    -0.11518    g/sq.ft.
               Total inflow at boundaries =    -0.12719    g/sq.ft.
               Mass discrepancy =    -0.20256E-07g/sq.ft.


Polygon   1
At time =       4.50, total mass in vadose zone =    0.32646    g/sq.ft.
Mass in gas phase     =      0.14179E-01g/sq.ft.
Mass in liquid phase  =      0.19971E-01g/sq.ft.
Mass sorbed           =      0.29231    g/sq.ft.

Since last printout at time =       4.00
               Change in Total Mass =    -0.13002E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12709E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.39264E-03g/sq.ft.
                    Diffusion in from water table =    -0.11338E-01g/sq.ft.
               Total inflow at boundaries =    -0.13002E-01g/sq.ft.
               Mass discrepancy =    -0.46712E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14019    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10996E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26767E-02g/sq.ft.
                    Diffusion in from water table =    -0.12651    g/sq.ft.
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               Total inflow at boundaries =    -0.14019    g/sq.ft.
               Mass discrepancy =    -0.53784E-07g/sq.ft.


Polygon   1
At time =       5.00, total mass in vadose zone =    0.31428    g/sq.ft.
Mass in gas phase     =      0.13650E-01g/sq.ft.
Mass in liquid phase  =      0.19226E-01g/sq.ft.
Mass sorbed           =      0.28141    g/sq.ft.

Since last printout at time =       4.50
               Change in Total Mass =    -0.12182E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11966E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.42287E-03g/sq.ft.
                    Diffusion in from water table =    -0.10563E-01g/sq.ft.
               Total inflow at boundaries =    -0.12182E-01g/sq.ft.
               Mass discrepancy =     0.15862E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15237    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12193E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30996E-02g/sq.ft.
                    Diffusion in from water table =    -0.13708    g/sq.ft.
               Total inflow at boundaries =    -0.15237    g/sq.ft.
               Mass discrepancy =    -0.42841E-07g/sq.ft.


Polygon   1
At time =       5.50, total mass in vadose zone =    0.30287    g/sq.ft.
Mass in gas phase     =      0.13155E-01g/sq.ft.
Mass in liquid phase  =      0.18528E-01g/sq.ft.
Mass sorbed           =      0.27119    g/sq.ft.

Since last printout at time =       5.00
               Change in Total Mass =    -0.11409E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11213E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.45340E-03g/sq.ft.
                    Diffusion in from water table =    -0.98345E-02g/sq.ft.
               Total inflow at boundaries =    -0.11409E-01g/sq.ft.
               Mass discrepancy =     0.94296E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16378    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13314E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35530E-02g/sq.ft.
                    Diffusion in from water table =    -0.14691    g/sq.ft.
               Total inflow at boundaries =    -0.16378    g/sq.ft.
               Mass discrepancy =    -0.51223E-07g/sq.ft.


Polygon   1
At time =       6.00, total mass in vadose zone =    0.29218    g/sq.ft.
Mass in gas phase     =      0.12690E-01g/sq.ft.
Mass in liquid phase  =      0.17874E-01g/sq.ft.
Mass sorbed           =      0.26162    g/sq.ft.

Since last printout at time =       5.50
               Change in Total Mass =    -0.10689E-01g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10478E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.48384E-03g/sq.ft.
                    Diffusion in from water table =    -0.91571E-02g/sq.ft.
               Total inflow at boundaries =    -0.10689E-01g/sq.ft.
               Mass discrepancy =    -0.25204E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17447    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14362E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40368E-02g/sq.ft.
                    Diffusion in from water table =    -0.15607    g/sq.ft.
               Total inflow at boundaries =    -0.17447    g/sq.ft.
               Mass discrepancy =    -0.71712E-07g/sq.ft.


Polygon   1
At time =       6.50, total mass in vadose zone =    0.28216    g/sq.ft.
Mass in gas phase     =      0.12255E-01g/sq.ft.
Mass in liquid phase  =      0.17261E-01g/sq.ft.
Mass sorbed           =      0.25264    g/sq.ft.

Since last printout at time =       6.00
               Change in Total Mass =    -0.10023E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97744E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.51384E-03g/sq.ft.
                    Diffusion in from water table =    -0.85316E-02g/sq.ft.
               Total inflow at boundaries =    -0.10023E-01g/sq.ft.
               Mass discrepancy =    -0.30850E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18449    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15339E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.45507E-02g/sq.ft.
                    Diffusion in from water table =    -0.16460    g/sq.ft.
               Total inflow at boundaries =    -0.18449    g/sq.ft.
               Mass discrepancy =    -0.10338E-06g/sq.ft.


Polygon   1
At time =       7.00, total mass in vadose zone =    0.27275    g/sq.ft.
Mass in gas phase     =      0.11846E-01g/sq.ft.
Mass in liquid phase  =      0.16685E-01g/sq.ft.
Mass sorbed           =      0.24422    g/sq.ft.

Since last printout at time =       6.50
               Change in Total Mass =    -0.94111E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91125E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.54312E-03g/sq.ft.
                    Diffusion in from water table =    -0.79567E-02g/sq.ft.
               Total inflow at boundaries =    -0.94110E-02g/sq.ft.
               Mass discrepancy =    -0.23982E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19390    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16250E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50938E-02g/sq.ft.
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                    Diffusion in from water table =    -0.17256    g/sq.ft.
               Total inflow at boundaries =    -0.19390    g/sq.ft.
               Mass discrepancy =    -0.12619E-06g/sq.ft.


Polygon   1
At time =       7.50, total mass in vadose zone =    0.26390    g/sq.ft.
Mass in gas phase     =      0.11462E-01g/sq.ft.
Mass in liquid phase  =      0.16144E-01g/sq.ft.
Mass sorbed           =      0.23629    g/sq.ft.

Since last printout at time =       7.00
               Change in Total Mass =    -0.88510E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.84961E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.57145E-03g/sq.ft.
                    Diffusion in from water table =    -0.74300E-02g/sq.ft.
               Total inflow at boundaries =    -0.88510E-02g/sq.ft.
               Mass discrepancy =     0.92550E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20275    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17100E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.56653E-02g/sq.ft.
                    Diffusion in from water table =    -0.17999    g/sq.ft.
               Total inflow at boundaries =    -0.20275    g/sq.ft.
               Mass discrepancy =    -0.11455E-06g/sq.ft.


Polygon   1
At time =       8.00, total mass in vadose zone =    0.25556    g/sq.ft.
Mass in gas phase     =      0.11100E-01g/sq.ft.
Mass in liquid phase  =      0.15633E-01g/sq.ft.
Mass sorbed           =      0.22883    g/sq.ft.

Since last printout at time =       7.50
               Change in Total Mass =    -0.83396E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.79262E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.59862E-03g/sq.ft.
                    Diffusion in from water table =    -0.69483E-02g/sq.ft.
               Total inflow at boundaries =    -0.83396E-02g/sq.ft.
               Mass discrepancy =    -0.14203E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21109    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17893E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.62639E-02g/sq.ft.
                    Diffusion in from water table =    -0.18694    g/sq.ft.
               Total inflow at boundaries =    -0.21109    g/sq.ft.
               Mass discrepancy =    -0.12154E-06g/sq.ft.


Polygon   1
At time =       8.50, total mass in vadose zone =    0.24769    g/sq.ft.
Mass in gas phase     =      0.10758E-01g/sq.ft.
Mass in liquid phase  =      0.15152E-01g/sq.ft.
Mass sorbed           =      0.22178    g/sq.ft.

Since last printout at time =       8.00
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               Change in Total Mass =    -0.78730E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.74017E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.62448E-03g/sq.ft.
                    Diffusion in from water table =    -0.65083E-02g/sq.ft.
               Total inflow at boundaries =    -0.78730E-02g/sq.ft.
               Mass discrepancy =    -0.11933E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21896    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18633E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68884E-02g/sq.ft.
                    Diffusion in from water table =    -0.19344    g/sq.ft.
               Total inflow at boundaries =    -0.21896    g/sq.ft.
               Mass discrepancy =    -0.14203E-06g/sq.ft.


Polygon   1
At time =       9.00, total mass in vadose zone =    0.24024    g/sq.ft.
Mass in gas phase     =      0.10434E-01g/sq.ft.
Mass in liquid phase  =      0.14696E-01g/sq.ft.
Mass sorbed           =      0.21511    g/sq.ft.

Since last printout at time =       8.50
               Change in Total Mass =    -0.74473E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.69206E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.64892E-03g/sq.ft.
                    Diffusion in from water table =    -0.61064E-02g/sq.ft.
               Total inflow at boundaries =    -0.74473E-02g/sq.ft.
               Mass discrepancy =    -0.72177E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22641    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19325E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.75373E-02g/sq.ft.
                    Diffusion in from water table =    -0.19955    g/sq.ft.
               Total inflow at boundaries =    -0.22641    g/sq.ft.
               Mass discrepancy =    -0.11688E-06g/sq.ft.


Polygon   1
At time =       9.50, total mass in vadose zone =    0.23318    g/sq.ft.
Mass in gas phase     =      0.10128E-01g/sq.ft.
Mass in liquid phase  =      0.14264E-01g/sq.ft.
Mass sorbed           =      0.20879    g/sq.ft.

Since last printout at time =       9.00
               Change in Total Mass =    -0.70589E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64802E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.67183E-03g/sq.ft.
                    Diffusion in from water table =    -0.57391E-02g/sq.ft.
               Total inflow at boundaries =    -0.70589E-02g/sq.ft.
               Mass discrepancy =     0.14959E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23347    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19973E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.82091E-02g/sq.ft.
                    Diffusion in from water table =    -0.20529    g/sq.ft.
               Total inflow at boundaries =    -0.23347    g/sq.ft.
               Mass discrepancy =    -0.10151E-06g/sq.ft.


Polygon   1
At time =      10.00, total mass in vadose zone =    0.22648    g/sq.ft.
Mass in gas phase     =      0.98365E-02g/sq.ft.
Mass in liquid phase  =      0.13854E-01g/sq.ft.
Mass sorbed           =      0.20278    g/sq.ft.

Since last printout at time =       9.50
               Change in Total Mass =    -0.67041E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.60772E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.69315E-03g/sq.ft.
                    Diffusion in from water table =    -0.54032E-02g/sq.ft.
               Total inflow at boundaries =    -0.67041E-02g/sq.ft.
               Mass discrepancy =    -0.36205E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24018    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20581E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.89023E-02g/sq.ft.
                    Diffusion in from water table =    -0.21069    g/sq.ft.
               Total inflow at boundaries =    -0.24017    g/sq.ft.
               Mass discrepancy =    -0.13504E-06g/sq.ft.


Polygon   1
At time =      10.50, total mass in vadose zone =    0.22010    g/sq.ft.
Mass in gas phase     =      0.95594E-02g/sq.ft.
Mass in liquid phase  =      0.13464E-01g/sq.ft.
Mass sorbed           =      0.19707    g/sq.ft.

Since last printout at time =      10.00
               Change in Total Mass =    -0.63794E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.57087E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.71284E-03g/sq.ft.
                    Diffusion in from water table =    -0.50957E-02g/sq.ft.
               Total inflow at boundaries =    -0.63794E-02g/sq.ft.
               Mass discrepancy =    -0.13912E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24655    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21151E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.96151E-02g/sq.ft.
                    Diffusion in from water table =    -0.21579    g/sq.ft.
               Total inflow at boundaries =    -0.24655    g/sq.ft.
               Mass discrepancy =    -0.15832E-06g/sq.ft.


Polygon   1
At time =      11.00, total mass in vadose zone =    0.21401    g/sq.ft.
Mass in gas phase     =      0.92953E-02g/sq.ft.
Mass in liquid phase  =      0.13092E-01g/sq.ft.
Mass sorbed           =      0.19163    g/sq.ft.
```

```
Since last printout at time =      10.50
               Change in Total Mass =    -0.60818E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.53716E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.73087E-03g/sq.ft.
                    Diffusion in from water table =    -0.48138E-02g/sq.ft.
               Total inflow at boundaries =    -0.60818E-02g/sq.ft.
               Mass discrepancy =     0.12224E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25264    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21689E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10346E-01g/sq.ft.
                    Diffusion in from water table =    -0.22060    g/sq.ft.
               Total inflow at boundaries =    -0.25264    g/sq.ft.
               Mass discrepancy =    -0.15087E-06g/sq.ft.


Polygon   1
At time =      11.50, total mass in vadose zone =    0.20821    g/sq.ft.
Mass in gas phase     =      0.90430E-02g/sq.ft.
Mass in liquid phase  =      0.12737E-01g/sq.ft.
Mass sorbed           =      0.18643    g/sq.ft.

Since last printout at time =      11.00
               Change in Total Mass =    -0.58085E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50629E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.74726E-03g/sq.ft.
                    Diffusion in from water table =    -0.45550E-02g/sq.ft.
               Total inflow at boundaries =    -0.58085E-02g/sq.ft.
               Mass discrepancy =    -0.13853E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25844    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22195E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11093E-01g/sq.ft.
                    Diffusion in from water table =    -0.22516    g/sq.ft.
               Total inflow at boundaries =    -0.25844    g/sq.ft.
               Mass discrepancy =    -0.17602E-06g/sq.ft.


Polygon   1
At time =      12.00, total mass in vadose zone =    0.20265    g/sq.ft.
Mass in gas phase     =      0.88016E-02g/sq.ft.
Mass in liquid phase  =      0.12397E-01g/sq.ft.
Mass sorbed           =      0.18145    g/sq.ft.

Since last printout at time =      11.50
               Change in Total Mass =    -0.55569E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47800E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.76199E-03g/sq.ft.
                    Diffusion in from water table =    -0.43169E-02g/sq.ft.
               Total inflow at boundaries =    -0.55569E-02g/sq.ft.
               Mass discrepancy =    -0.24389E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26400    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.22673E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11855E-01g/sq.ft.
                    Diffusion in from water table =    -0.22947    g/sq.ft.
               Total inflow at boundaries =    -0.26400    g/sq.ft.
               Mass discrepancy =    -0.21327E-06g/sq.ft.


Polygon   1
At time =      12.50, total mass in vadose zone =    0.19732    g/sq.ft.
Mass in gas phase     =      0.85704E-02g/sq.ft.
Mass in liquid phase  =      0.12071E-01g/sq.ft.
Mass sorbed           =      0.17668    g/sq.ft.

Since last printout at time =      12.00
               Change in Total Mass =    -0.53248E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45203E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.77510E-03g/sq.ft.
                    Diffusion in from water table =    -0.40976E-02g/sq.ft.
               Total inflow at boundaries =    -0.53248E-02g/sq.ft.
               Mass discrepancy =     0.69849E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26933    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23125E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12630E-01g/sq.ft.
                    Diffusion in from water table =    -0.23357    g/sq.ft.
               Total inflow at boundaries =    -0.26933    g/sq.ft.
               Mass discrepancy =    -0.23562E-06g/sq.ft.


Polygon   1
At time =      13.00, total mass in vadose zone =    0.19221    g/sq.ft.
Mass in gas phase     =      0.83484E-02g/sq.ft.
Mass in liquid phase  =      0.11758E-01g/sq.ft.
Mass sorbed           =      0.17211    g/sq.ft.

Since last printout at time =      12.50
               Change in Total Mass =    -0.51100E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42816E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.78663E-03g/sq.ft.
                    Diffusion in from water table =    -0.38952E-02g/sq.ft.
               Total inflow at boundaries =    -0.51100E-02g/sq.ft.
               Mass discrepancy =    -0.20314E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27444    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23553E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13417E-01g/sq.ft.
                    Diffusion in from water table =    -0.23747    g/sq.ft.
               Total inflow at boundaries =    -0.27444    g/sq.ft.
               Mass discrepancy =    -0.26263E-06g/sq.ft.


Polygon   1
At time =      13.50, total mass in vadose zone =    0.18730    g/sq.ft.
Mass in gas phase     =      0.81351E-02g/sq.ft.
Mass in liquid phase  =      0.11458E-01g/sq.ft.
Mass sorbed           =      0.16771    g/sq.ft.
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```
Since last printout at time =      13.00
               Change in Total Mass =    -0.49108E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40618E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.79661E-03g/sq.ft.
                    Diffusion in from water table =    -0.37080E-02g/sq.ft.
               Total inflow at boundaries =    -0.49108E-02g/sq.ft.
               Mass discrepancy =     0.12777E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27935    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23959E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14214E-01g/sq.ft.
                    Diffusion in from water table =    -0.24117    g/sq.ft.
               Total inflow at boundaries =    -0.27935    g/sq.ft.
               Mass discrepancy =    -0.27101E-06g/sq.ft.


Polygon   1
At time =      14.00, total mass in vadose zone =    0.18258    g/sq.ft.
Mass in gas phase     =      0.79299E-02g/sq.ft.
Mass in liquid phase  =      0.11169E-01g/sq.ft.
Mass sorbed           =      0.16348    g/sq.ft.

Since last printout at time =      13.50
               Change in Total Mass =    -0.47257E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38590E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.80509E-03g/sq.ft.
                    Diffusion in from water table =    -0.35347E-02g/sq.ft.
               Total inflow at boundaries =    -0.47257E-02g/sq.ft.
               Mass discrepancy =    -0.29453E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.28407    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24345E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.15019E-01g/sq.ft.
                    Diffusion in from water table =    -0.24471    g/sq.ft.
               Total inflow at boundaries =    -0.28407    g/sq.ft.
               Mass discrepancy =    -0.31292E-06g/sq.ft.


Polygon   1
At time =      14.50, total mass in vadose zone =    0.17802    g/sq.ft.
Mass in gas phase     =      0.77321E-02g/sq.ft.
Mass in liquid phase  =      0.10890E-01g/sq.ft.
Mass sorbed           =      0.15940    g/sq.ft.

Since last printout at time =      14.00
               Change in Total Mass =    -0.45530E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36717E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.81213E-03g/sq.ft.
                    Diffusion in from water table =    -0.33737E-02g/sq.ft.
               Total inflow at boundaries =    -0.45530E-02g/sq.ft.
               Mass discrepancy =     0.11845E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.28863    g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24712E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.15831E-01g/sq.ft.
                    Diffusion in from water table =    -0.24808    g/sq.ft.
               Total inflow at boundaries =    -0.28863    g/sq.ft.
               Mass discrepancy =    -0.27940E-06g/sq.ft.


Polygon   1
At time =      15.00, total mass in vadose zone =    0.17363    g/sq.ft.
Mass in gas phase     =      0.75414E-02g/sq.ft.
Mass in liquid phase  =      0.10622E-01g/sq.ft.
Mass sorbed           =      0.15547    g/sq.ft.

Since last printout at time =      14.50
               Change in Total Mass =    -0.43918E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34983E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.81779E-03g/sq.ft.
                    Diffusion in from water table =    -0.32241E-02g/sq.ft.
               Total inflow at boundaries =    -0.43918E-02g/sq.ft.
               Mass discrepancy =    -0.19936E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.29302    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25062E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16649E-01g/sq.ft.
                    Diffusion in from water table =    -0.25131    g/sq.ft.
               Total inflow at boundaries =    -0.29302    g/sq.ft.
               Mass discrepancy =    -0.25705E-06g/sq.ft.


Polygon   1
At time =      15.50, total mass in vadose zone =    0.16939    g/sq.ft.
Mass in gas phase     =      0.73572E-02g/sq.ft.
Mass in liquid phase  =      0.10362E-01g/sq.ft.
Mass sorbed           =      0.15167    g/sq.ft.

Since last printout at time =      15.00
               Change in Total Mass =    -0.42407E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33375E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.82212E-03g/sq.ft.
                    Diffusion in from water table =    -0.30848E-02g/sq.ft.
               Total inflow at boundaries =    -0.42407E-02g/sq.ft.
               Mass discrepancy =    -0.15891E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.29726    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25396E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.17471E-01g/sq.ft.
                    Diffusion in from water table =    -0.25439    g/sq.ft.
               Total inflow at boundaries =    -0.29726    g/sq.ft.
               Mass discrepancy =    -0.28498E-06g/sq.ft.


Polygon   1
At time =      16.00, total mass in vadose zone =    0.16529    g/sq.ft.
Mass in gas phase     =      0.71792E-02g/sq.ft.
Mass in liquid phase  =      0.10112E-01g/sq.ft.
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Mass sorbed           =      0.14800    g/sq.ft.

Since last printout at time =      15.50
               Change in Total Mass =    -0.40988E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31880E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.82521E-03g/sq.ft.
                    Diffusion in from water table =    -0.29548E-02g/sq.ft.
               Total inflow at boundaries =    -0.40988E-02g/sq.ft.
               Mass discrepancy =     0.22032E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.30136    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25715E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.18296E-01g/sq.ft.
                    Diffusion in from water table =    -0.25735    g/sq.ft.
               Total inflow at boundaries =    -0.30136    g/sq.ft.
               Mass discrepancy =    -0.22352E-06g/sq.ft.


Polygon   1
At time =      16.50, total mass in vadose zone =    0.16133    g/sq.ft.
Mass in gas phase     =      0.70070E-02g/sq.ft.
Mass in liquid phase  =      0.98690E-02g/sq.ft.
Mass sorbed           =      0.14445    g/sq.ft.

Since last printout at time =      16.00
               Change in Total Mass =    -0.39653E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30490E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.82710E-03g/sq.ft.
                    Diffusion in from water table =    -0.28332E-02g/sq.ft.
               Total inflow at boundaries =    -0.39652E-02g/sq.ft.
               Mass discrepancy =    -0.34284E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.30532    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26020E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.19123E-01g/sq.ft.
                    Diffusion in from water table =    -0.26018    g/sq.ft.
               Total inflow at boundaries =    -0.30532    g/sq.ft.
               Mass discrepancy =    -0.28498E-06g/sq.ft.


Polygon   1
At time =      17.00, total mass in vadose zone =    0.15749    g/sq.ft.
Mass in gas phase     =      0.68402E-02g/sq.ft.
Mass in liquid phase  =      0.96341E-02g/sq.ft.
Mass sorbed           =      0.14101    g/sq.ft.

Since last printout at time =      16.50
               Change in Total Mass =    -0.38393E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29193E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.82787E-03g/sq.ft.
                    Diffusion in from water table =    -0.27195E-02g/sq.ft.
               Total inflow at boundaries =    -0.38393E-02g/sq.ft.
               Mass discrepancy =     0.90804E-08g/sq.ft.

Since beginning of run at time = 0.0
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               Change in Total Mass =    -0.30916    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26312E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.19951E-01g/sq.ft.
                    Diffusion in from water table =    -0.26290    g/sq.ft.
               Total inflow at boundaries =    -0.30916    g/sq.ft.
               Mass discrepancy =    -0.25146E-06g/sq.ft.


Polygon   1
At time =      17.50, total mass in vadose zone =    0.15377    g/sq.ft.
Mass in gas phase     =      0.66786E-02g/sq.ft.
Mass in liquid phase  =      0.94065E-02g/sq.ft.
Mass sorbed           =      0.13768    g/sq.ft.

Since last printout at time =      17.00
               Change in Total Mass =    -0.37202E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27982E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.82758E-03g/sq.ft.
                    Diffusion in from water table =    -0.26128E-02g/sq.ft.
               Total inflow at boundaries =    -0.37202E-02g/sq.ft.
               Mass discrepancy =    -0.11176E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.31288    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26591E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20778E-01g/sq.ft.
                    Diffusion in from water table =    -0.26551    g/sq.ft.
               Total inflow at boundaries =    -0.31288    g/sq.ft.
               Mass discrepancy =    -0.32224E-06g/sq.ft.


Polygon   1
At time =      18.00, total mass in vadose zone =    0.15016    g/sq.ft.
Mass in gas phase     =      0.65220E-02g/sq.ft.
Mass in liquid phase  =      0.91858E-02g/sq.ft.
Mass sorbed           =      0.13445    g/sq.ft.

Since last printout at time =      17.50
               Change in Total Mass =    -0.36073E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26849E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.82631E-03g/sq.ft.
                    Diffusion in from water table =    -0.25126E-02g/sq.ft.
               Total inflow at boundaries =    -0.36073E-02g/sq.ft.
               Mass discrepancy =     0.10565E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.31649    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26860E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.21605E-01g/sq.ft.
                    Diffusion in from water table =    -0.26802    g/sq.ft.
               Total inflow at boundaries =    -0.31649    g/sq.ft.
               Mass discrepancy =    -0.31851E-06g/sq.ft.


Polygon   1
At time =      18.50, total mass in vadose zone =    0.14666    g/sq.ft.
Mass in gas phase     =      0.63699E-02g/sq.ft.
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Mass in liquid phase  =      0.89717E-02g/sq.ft.
Mass sorbed           =      0.13132    g/sq.ft.

Since last printout at time =      18.00
               Change in Total Mass =    -0.35003E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25787E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.82410E-03g/sq.ft.
                    Diffusion in from water table =    -0.24183E-02g/sq.ft.
               Total inflow at boundaries =    -0.35002E-02g/sq.ft.
               Mass discrepancy =    -0.20053E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.31999    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27118E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.22429E-01g/sq.ft.
                    Diffusion in from water table =    -0.27044    g/sq.ft.
               Total inflow at boundaries =    -0.31999    g/sq.ft.
               Mass discrepancy =    -0.36322E-06g/sq.ft.


Polygon   1
At time =      19.00, total mass in vadose zone =    0.14326    g/sq.ft.
Mass in gas phase     =      0.62223E-02g/sq.ft.
Mass in liquid phase  =      0.87638E-02g/sq.ft.
Mass sorbed           =      0.12828    g/sq.ft.

Since last printout at time =      18.50
               Change in Total Mass =    -0.33984E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24790E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.82104E-03g/sq.ft.
                    Diffusion in from water table =    -0.23295E-02g/sq.ft.
               Total inflow at boundaries =    -0.33984E-02g/sq.ft.
               Mass discrepancy =    -0.30268E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.32339    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27366E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23250E-01g/sq.ft.
                    Diffusion in from water table =    -0.27277    g/sq.ft.
               Total inflow at boundaries =    -0.32339    g/sq.ft.
               Mass discrepancy =    -0.39116E-06g/sq.ft.


Polygon   1
At time =      19.50, total mass in vadose zone =    0.13996    g/sq.ft.
Mass in gas phase     =      0.60789E-02g/sq.ft.
Mass in liquid phase  =      0.85619E-02g/sq.ft.
Mass sorbed           =      0.12532    g/sq.ft.

Since last printout at time =      19.00
               Change in Total Mass =    -0.33014E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23853E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.81717E-03g/sq.ft.
                    Diffusion in from water table =    -0.22457E-02g/sq.ft.
               Total inflow at boundaries =    -0.33014E-02g/sq.ft.
               Mass discrepancy =     0.42492E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.32669    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27604E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24067E-01g/sq.ft.
                    Diffusion in from water table =    -0.27502    g/sq.ft.
               Total inflow at boundaries =    -0.32669    g/sq.ft.
               Mass discrepancy =    -0.38929E-06g/sq.ft.


Polygon   1
At time =      20.00, total mass in vadose zone =    0.13675    g/sq.ft.
Mass in gas phase     =      0.59396E-02g/sq.ft.
Mass in liquid phase  =      0.83656E-02g/sq.ft.
Mass sorbed           =      0.12245    g/sq.ft.

Since last printout at time =      19.50
               Change in Total Mass =    -0.32088E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22970E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.81257E-03g/sq.ft.
                    Diffusion in from water table =    -0.21665E-02g/sq.ft.
               Total inflow at boundaries =    -0.32088E-02g/sq.ft.
               Mass discrepancy =    -0.97934E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.32990    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27834E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24880E-01g/sq.ft.
                    Diffusion in from water table =    -0.27718    g/sq.ft.
               Total inflow at boundaries =    -0.32990    g/sq.ft.
               Mass discrepancy =    -0.42841E-06g/sq.ft.


Polygon   1
At time =      20.50, total mass in vadose zone =    0.13363    g/sq.ft.
Mass in gas phase     =      0.58040E-02g/sq.ft.
Mass in liquid phase  =      0.81747E-02g/sq.ft.
Mass sorbed           =      0.11965    g/sq.ft.

Since last printout at time =      20.00
               Change in Total Mass =    -0.31203E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22138E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.80728E-03g/sq.ft.
                    Diffusion in from water table =    -0.20916E-02g/sq.ft.
               Total inflow at boundaries =    -0.31203E-02g/sq.ft.
               Mass discrepancy =    -0.15483E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.33302    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28055E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25687E-01g/sq.ft.
                    Diffusion in from water table =    -0.27928    g/sq.ft.
               Total inflow at boundaries =    -0.33302    g/sq.ft.
               Mass discrepancy =    -0.43586E-06g/sq.ft.


Polygon   1
At time =      21.00, total mass in vadose zone =    0.13060    g/sq.ft.
```

```
Mass in gas phase     =      0.56722E-02g/sq.ft.
Mass in liquid phase  =      0.79890E-02g/sq.ft.
Mass sorbed           =      0.11694    g/sq.ft.

Since last printout at time =      20.50
               Change in Total Mass =    -0.30356E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21353E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.80136E-03g/sq.ft.
                    Diffusion in from water table =    -0.20207E-02g/sq.ft.
               Total inflow at boundaries =    -0.30356E-02g/sq.ft.
               Mass discrepancy =    -0.74797E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.33605    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28269E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26488E-01g/sq.ft.
                    Diffusion in from water table =    -0.28130    g/sq.ft.
               Total inflow at boundaries =    -0.33605    g/sq.ft.
               Mass discrepancy =    -0.45449E-06g/sq.ft.


Polygon   1
At time =      21.50, total mass in vadose zone =    0.12764    g/sq.ft.
Mass in gas phase     =      0.55439E-02g/sq.ft.
Mass in liquid phase  =      0.78083E-02g/sq.ft.
Mass sorbed           =      0.11429    g/sq.ft.

Since last printout at time =      21.00
               Change in Total Mass =    -0.29543E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20610E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.79486E-03g/sq.ft.
                    Diffusion in from water table =    -0.19534E-02g/sq.ft.
               Total inflow at boundaries =    -0.29543E-02g/sq.ft.
               Mass discrepancy =     0.64319E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.33901    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28475E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27283E-01g/sq.ft.
                    Diffusion in from water table =    -0.28325    g/sq.ft.
               Total inflow at boundaries =    -0.33901    g/sq.ft.
               Mass discrepancy =    -0.46380E-06g/sq.ft.


Polygon   1
At time =      22.00, total mass in vadose zone =    0.12477    g/sq.ft.
Mass in gas phase     =      0.54190E-02g/sq.ft.
Mass in liquid phase  =      0.76323E-02g/sq.ft.
Mass sorbed           =      0.11171    g/sq.ft.

Since last printout at time =      21.50
               Change in Total Mass =    -0.28764E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19906E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.78784E-03g/sq.ft.
                    Diffusion in from water table =    -0.18895E-02g/sq.ft.
               Total inflow at boundaries =    -0.28764E-02g/sq.ft.
               Mass discrepancy =    -0.53988E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.34188    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28674E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28071E-01g/sq.ft.
                    Diffusion in from water table =    -0.28514    g/sq.ft.
               Total inflow at boundaries =    -0.34188    g/sq.ft.
               Mass discrepancy =    -0.48056E-06g/sq.ft.


Polygon   1
At time =      22.50, total mass in vadose zone =    0.12196    g/sq.ft.
Mass in gas phase     =      0.52973E-02g/sq.ft.
Mass in liquid phase  =      0.74610E-02g/sq.ft.
Mass sorbed           =      0.10921    g/sq.ft.

Since last printout at time =      22.00
               Change in Total Mass =    -0.28015E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19240E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.78035E-03g/sq.ft.
                    Diffusion in from water table =    -0.18287E-02g/sq.ft.
               Total inflow at boundaries =    -0.28015E-02g/sq.ft.
               Mass discrepancy =     0.14552E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.34469    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28866E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28851E-01g/sq.ft.
                    Diffusion in from water table =    -0.28697    g/sq.ft.
               Total inflow at boundaries =    -0.34469    g/sq.ft.
               Mass discrepancy =    -0.47870E-06g/sq.ft.


Polygon   1
At time =      23.00, total mass in vadose zone =    0.11924    g/sq.ft.
Mass in gas phase     =      0.51787E-02g/sq.ft.
Mass in liquid phase  =      0.72940E-02g/sq.ft.
Mass sorbed           =      0.10676    g/sq.ft.

Since last printout at time =      22.50
               Change in Total Mass =    -0.27294E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18607E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.77242E-03g/sq.ft.
                    Diffusion in from water table =    -0.17709E-02g/sq.ft.
               Total inflow at boundaries =    -0.27294E-02g/sq.ft.
               Mass discrepancy =    -0.36234E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.34742    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29052E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29624E-01g/sq.ft.
                    Diffusion in from water table =    -0.28874    g/sq.ft.
               Total inflow at boundaries =    -0.34742    g/sq.ft.
               Mass discrepancy =    -0.50478E-06g/sq.ft.


Polygon   1
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```
At time =      23.50, total mass in vadose zone =    0.11658    g/sq.ft.
Mass in gas phase     =      0.50632E-02g/sq.ft.
Mass in liquid phase  =      0.71313E-02g/sq.ft.
Mass sorbed           =      0.10438    g/sq.ft.

Since last printout at time =      23.00
               Change in Total Mass =    -0.26600E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18005E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.76410E-03g/sq.ft.
                    Diffusion in from water table =    -0.17158E-02g/sq.ft.
               Total inflow at boundaries =    -0.26600E-02g/sq.ft.
               Mass discrepancy =    -0.21682E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.35008    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29232E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30388E-01g/sq.ft.
                    Diffusion in from water table =    -0.29045    g/sq.ft.
               Total inflow at boundaries =    -0.35008    g/sq.ft.
               Mass discrepancy =    -0.49546E-06g/sq.ft.


Polygon   1
At time =      24.00, total mass in vadose zone =    0.11398    g/sq.ft.
Mass in gas phase     =      0.49506E-02g/sq.ft.
Mass in liquid phase  =      0.69726E-02g/sq.ft.
Mass sorbed           =      0.10206    g/sq.ft.

Since last printout at time =      23.50
               Change in Total Mass =    -0.25930E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17433E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.75544E-03g/sq.ft.
                    Diffusion in from water table =    -0.16632E-02g/sq.ft.
               Total inflow at boundaries =    -0.25930E-02g/sq.ft.
               Mass discrepancy =    -0.30414E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.35267    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29407E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31143E-01g/sq.ft.
                    Diffusion in from water table =    -0.29212    g/sq.ft.
               Total inflow at boundaries =    -0.35267    g/sq.ft.
               Mass discrepancy =    -0.47497E-06g/sq.ft.


Polygon   1
At time =      24.50, total mass in vadose zone =    0.11145    g/sq.ft.
Mass in gas phase     =      0.48408E-02g/sq.ft.
Mass in liquid phase  =      0.68180E-02g/sq.ft.
Mass sorbed           =      0.99795E-01g/sq.ft.

Since last printout at time =      24.00
               Change in Total Mass =    -0.25284E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16888E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.74647E-03g/sq.ft.
                    Diffusion in from water table =    -0.16131E-02g/sq.ft.
               Total inflow at boundaries =    -0.25284E-02g/sq.ft.
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               Mass discrepancy =    -0.74942E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.35520    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29576E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31890E-01g/sq.ft.
                    Diffusion in from water table =    -0.29373    g/sq.ft.
               Total inflow at boundaries =    -0.35520    g/sq.ft.
               Mass discrepancy =    -0.49546E-06g/sq.ft.


Polygon   1
At time =      25.00, total mass in vadose zone =    0.10899    g/sq.ft.
Mass in gas phase     =      0.47337E-02g/sq.ft.
Mass in liquid phase  =      0.66671E-02g/sq.ft.
Mass sorbed           =      0.97587E-01g/sq.ft.

Since last printout at time =      24.50
               Change in Total Mass =    -0.24660E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16368E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.73723E-03g/sq.ft.
                    Diffusion in from water table =    -0.15651E-02g/sq.ft.
               Total inflow at boundaries =    -0.24660E-02g/sq.ft.
               Mass discrepancy =    -0.35070E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.35766    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29739E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32627E-01g/sq.ft.
                    Diffusion in from water table =    -0.29530    g/sq.ft.
               Total inflow at boundaries =    -0.35766    g/sq.ft.
               Mass discrepancy =    -0.48801E-06g/sq.ft.


Polygon   1
At time =      25.50, total mass in vadose zone =    0.10658    g/sq.ft.
Mass in gas phase     =      0.46292E-02g/sq.ft.
Mass in liquid phase  =      0.65200E-02g/sq.ft.
Mass sorbed           =      0.95433E-01g/sq.ft.

Since last printout at time =      25.00
               Change in Total Mass =    -0.24057E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15872E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.72774E-03g/sq.ft.
                    Diffusion in from water table =    -0.15192E-02g/sq.ft.
               Total inflow at boundaries =    -0.24057E-02g/sq.ft.
               Mass discrepancy =    -0.38417E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.36007    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29898E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33355E-01g/sq.ft.
                    Diffusion in from water table =    -0.29682    g/sq.ft.
               Total inflow at boundaries =    -0.36007    g/sq.ft.
               Mass discrepancy =    -0.48429E-06g/sq.ft.
```

```
Polygon   1
At time =      26.00, total mass in vadose zone =    0.10423    g/sq.ft.
Mass in gas phase     =      0.45272E-02g/sq.ft.
Mass in liquid phase  =      0.63764E-02g/sq.ft.
Mass sorbed           =      0.93331E-01g/sq.ft.

Since last printout at time =      25.50
               Change in Total Mass =    -0.23473E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15398E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.71806E-03g/sq.ft.
                    Diffusion in from water table =    -0.14753E-02g/sq.ft.
               Total inflow at boundaries =    -0.23473E-02g/sq.ft.
               Mass discrepancy =     0.38126E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.36242    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30052E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34073E-01g/sq.ft.
                    Diffusion in from water table =    -0.29829    g/sq.ft.
               Total inflow at boundaries =    -0.36242    g/sq.ft.
               Mass discrepancy =    -0.45635E-06g/sq.ft.


Polygon   1
At time =      26.50, total mass in vadose zone =    0.10194    g/sq.ft.
Mass in gas phase     =      0.44277E-02g/sq.ft.
Mass in liquid phase  =      0.62362E-02g/sq.ft.
Mass sorbed           =      0.91280E-01g/sq.ft.

Since last printout at time =      26.00
               Change in Total Mass =    -0.22908E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14944E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.70819E-03g/sq.ft.
                    Diffusion in from water table =    -0.14331E-02g/sq.ft.
               Total inflow at boundaries =    -0.22908E-02g/sq.ft.
               Mass discrepancy =    -0.26630E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.36471    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30201E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34781E-01g/sq.ft.
                    Diffusion in from water table =    -0.29972    g/sq.ft.
               Total inflow at boundaries =    -0.36471    g/sq.ft.
               Mass discrepancy =    -0.51595E-06g/sq.ft.


Polygon   1
At time =      27.00, total mass in vadose zone =    0.99708E-01g/sq.ft.
Mass in gas phase     =      0.43306E-02g/sq.ft.
Mass in liquid phase  =      0.60995E-02g/sq.ft.
Mass sorbed           =      0.89278E-01g/sq.ft.

Since last printout at time =      26.50
               Change in Total Mass =    -0.22360E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14510E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.69817E-03g/sq.ft.
                    Diffusion in from water table =    -0.13927E-02g/sq.ft.
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```
               Total inflow at boundaries =    -0.22360E-02g/sq.ft.
               Mass discrepancy =    -0.48021E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.36694    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30347E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35479E-01g/sq.ft.
                    Diffusion in from water table =    -0.30112    g/sq.ft.
               Total inflow at boundaries =    -0.36694    g/sq.ft.
               Mass discrepancy =    -0.53085E-06g/sq.ft.


Polygon   1
At time =      27.50, total mass in vadose zone =    0.97525E-01g/sq.ft.
Mass in gas phase     =      0.42358E-02g/sq.ft.
Mass in liquid phase  =      0.59659E-02g/sq.ft.
Mass sorbed           =      0.87323E-01g/sq.ft.

Since last printout at time =      27.00
               Change in Total Mass =    -0.21829E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14094E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.68803E-03g/sq.ft.
                    Diffusion in from water table =    -0.13539E-02g/sq.ft.
               Total inflow at boundaries =    -0.21829E-02g/sq.ft.
               Mass discrepancy =    -0.10084E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.36913    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30487E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36167E-01g/sq.ft.
                    Diffusion in from water table =    -0.30247    g/sq.ft.
               Total inflow at boundaries =    -0.36913    g/sq.ft.
               Mass discrepancy =    -0.53830E-06g/sq.ft.


Polygon   1
At time =      28.00, total mass in vadose zone =    0.95394E-01g/sq.ft.
Mass in gas phase     =      0.41432E-02g/sq.ft.
Mass in liquid phase  =      0.58355E-02g/sq.ft.
Mass sorbed           =      0.85415E-01g/sq.ft.

Since last printout at time =      27.50
               Change in Total Mass =    -0.21314E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13695E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.67780E-03g/sq.ft.
                    Diffusion in from water table =    -0.13167E-02g/sq.ft.
               Total inflow at boundaries =    -0.21314E-02g/sq.ft.
               Mass discrepancy =     0.59226E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.37126    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30624E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36845E-01g/sq.ft.
                    Diffusion in from water table =    -0.30379    g/sq.ft.
               Total inflow at boundaries =    -0.37126    g/sq.ft.
               Mass discrepancy =    -0.56997E-06g/sq.ft.
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```
Polygon   1
At time =      28.50, total mass in vadose zone =    0.93312E-01g/sq.ft.
Mass in gas phase     =      0.40528E-02g/sq.ft.
Mass in liquid phase  =      0.57082E-02g/sq.ft.
Mass sorbed           =      0.83551E-01g/sq.ft.

Since last printout at time =      28.00
               Change in Total Mass =    -0.20815E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13313E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.66748E-03g/sq.ft.
                    Diffusion in from water table =    -0.12808E-02g/sq.ft.
               Total inflow at boundaries =    -0.20814E-02g/sq.ft.
               Mass discrepancy =    -0.11729E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.37334    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30758E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37512E-01g/sq.ft.
                    Diffusion in from water table =    -0.30507    g/sq.ft.
               Total inflow at boundaries =    -0.37334    g/sq.ft.
               Mass discrepancy =    -0.60722E-06g/sq.ft.


Polygon   1
At time =      29.00, total mass in vadose zone =    0.91279E-01g/sq.ft.
Mass in gas phase     =      0.39645E-02g/sq.ft.
Mass in liquid phase  =      0.55838E-02g/sq.ft.
Mass sorbed           =      0.81731E-01g/sq.ft.

Since last printout at time =      28.50
               Change in Total Mass =    -0.20329E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12945E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.65711E-03g/sq.ft.
                    Diffusion in from water table =    -0.12463E-02g/sq.ft.
               Total inflow at boundaries =    -0.20329E-02g/sq.ft.
               Mass discrepancy =     0.52387E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.37537    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30887E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38170E-01g/sq.ft.
                    Diffusion in from water table =    -0.30631    g/sq.ft.
               Total inflow at boundaries =    -0.37537    g/sq.ft.
               Mass discrepancy =    -0.62771E-06g/sq.ft.


Polygon   1
At time =      29.50, total mass in vadose zone =    0.89294E-01g/sq.ft.
Mass in gas phase     =      0.38783E-02g/sq.ft.
Mass in liquid phase  =      0.54624E-02g/sq.ft.
Mass sorbed           =      0.79953E-01g/sq.ft.

Since last printout at time =      29.00
               Change in Total Mass =    -0.19858E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12591E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.64670E-03g/sq.ft.
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                    Diffusion in from water table =    -0.12131E-02g/sq.ft.
               Total inflow at boundaries =    -0.19858E-02g/sq.ft.
               Mass discrepancy =     0.15862E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.37736    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31013E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38816E-01g/sq.ft.
                    Diffusion in from water table =    -0.30753    g/sq.ft.
               Total inflow at boundaries =    -0.37736    g/sq.ft.
               Mass discrepancy =    -0.62212E-06g/sq.ft.


Polygon   1
At time =      30.00, total mass in vadose zone =    0.87354E-01g/sq.ft.
Mass in gas phase     =      0.37940E-02g/sq.ft.
Mass in liquid phase  =      0.53437E-02g/sq.ft.
Mass sorbed           =      0.78216E-01g/sq.ft.

Since last printout at time =      29.50
               Change in Total Mass =    -0.19399E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12251E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.63627E-03g/sq.ft.
                    Diffusion in from water table =    -0.11811E-02g/sq.ft.
               Total inflow at boundaries =    -0.19399E-02g/sq.ft.
               Mass discrepancy =    -0.16371E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.37930    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31135E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39453E-01g/sq.ft.
                    Diffusion in from water table =    -0.30871    g/sq.ft.
               Total inflow at boundaries =    -0.37930    g/sq.ft.
               Mass discrepancy =    -0.64261E-06g/sq.ft.


Polygon   1
At time =      30.50, total mass in vadose zone =    0.85458E-01g/sq.ft.
Mass in gas phase     =      0.37117E-02g/sq.ft.
Mass in liquid phase  =      0.52278E-02g/sq.ft.
Mass sorbed           =      0.76519E-01g/sq.ft.

Since last printout at time =      30.00
               Change in Total Mass =    -0.18954E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11924E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.62583E-03g/sq.ft.
                    Diffusion in from water table =    -0.11503E-02g/sq.ft.
               Total inflow at boundaries =    -0.18954E-02g/sq.ft.
               Mass discrepancy =    -0.12486E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.38119    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31255E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40078E-01g/sq.ft.
                    Diffusion in from water table =    -0.30986    g/sq.ft.
               Total inflow at boundaries =    -0.38119    g/sq.ft.
               Mass discrepancy =    -0.67055E-06g/sq.ft.
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Polygon   1
At time =      31.00, total mass in vadose zone =    0.83606E-01g/sq.ft.
Mass in gas phase     =      0.36313E-02g/sq.ft.
Mass in liquid phase  =      0.51145E-02g/sq.ft.
Mass sorbed           =      0.74861E-01g/sq.ft.

Since last printout at time =      30.50
               Change in Total Mass =    -0.18520E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11608E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.61541E-03g/sq.ft.
                    Diffusion in from water table =    -0.11205E-02g/sq.ft.
               Total inflow at boundaries =    -0.18520E-02g/sq.ft.
               Mass discrepancy =     0.14334E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.38304    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31371E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40694E-01g/sq.ft.
                    Diffusion in from water table =    -0.31098    g/sq.ft.
               Total inflow at boundaries =    -0.38304    g/sq.ft.
               Mass discrepancy =    -0.65193E-06g/sq.ft.


Polygon   1
At time =      31.50, total mass in vadose zone =    0.81796E-01g/sq.ft.
Mass in gas phase     =      0.35527E-02g/sq.ft.
Mass in liquid phase  =      0.50037E-02g/sq.ft.
Mass sorbed           =      0.73240E-01g/sq.ft.

Since last printout at time =      31.00
               Change in Total Mass =    -0.18098E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11304E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60502E-03g/sq.ft.
                    Diffusion in from water table =    -0.10918E-02g/sq.ft.
               Total inflow at boundaries =    -0.18098E-02g/sq.ft.
               Mass discrepancy =    -0.76325E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.38485    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31484E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.41299E-01g/sq.ft.
                    Diffusion in from water table =    -0.31207    g/sq.ft.
               Total inflow at boundaries =    -0.38485    g/sq.ft.
               Mass discrepancy =    -0.68173E-06g/sq.ft.


Polygon   1
At time =      32.00, total mass in vadose zone =    0.80028E-01g/sq.ft.
Mass in gas phase     =      0.34758E-02g/sq.ft.
Mass in liquid phase  =      0.48955E-02g/sq.ft.
Mass sorbed           =      0.71656E-01g/sq.ft.

Since last printout at time =      31.50
               Change in Total Mass =    -0.17688E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11011E-03g/sq.ft.
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                    Diffusion in from atmosphere =     -0.59466E-03g/sq.ft.
                    Diffusion in from water table =    -0.10640E-02g/sq.ft.
               Total inflow at boundaries =    -0.17688E-02g/sq.ft.
               Mass discrepancy =    -0.11438E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.38662    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31594E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.41893E-01g/sq.ft.
                    Diffusion in from water table =    -0.31313    g/sq.ft.
               Total inflow at boundaries =    -0.38662    g/sq.ft.
               Mass discrepancy =    -0.70781E-06g/sq.ft.


Polygon   1
At time =      32.50, total mass in vadose zone =    0.78299E-01g/sq.ft.
Mass in gas phase     =      0.34008E-02g/sq.ft.
Mass in liquid phase  =      0.47898E-02g/sq.ft.
Mass sorbed           =      0.70108E-01g/sq.ft.

Since last printout at time =      32.00
               Change in Total Mass =    -0.17288E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10728E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.58435E-03g/sq.ft.
                    Diffusion in from water table =    -0.10371E-02g/sq.ft.
               Total inflow at boundaries =    -0.17288E-02g/sq.ft.
               Mass discrepancy =    -0.22555E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.38835    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31701E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.42478E-01g/sq.ft.
                    Diffusion in from water table =    -0.31417    g/sq.ft.
               Total inflow at boundaries =    -0.38835    g/sq.ft.
               Mass discrepancy =    -0.74133E-06g/sq.ft.


Polygon   1
At time =      33.00, total mass in vadose zone =    0.76609E-01g/sq.ft.
Mass in gas phase     =      0.33274E-02g/sq.ft.
Mass in liquid phase  =      0.46864E-02g/sq.ft.
Mass sorbed           =      0.68595E-01g/sq.ft.

Since last printout at time =      32.50
               Change in Total Mass =    -0.16898E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10454E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.57409E-03g/sq.ft.
                    Diffusion in from water table =    -0.10112E-02g/sq.ft.
               Total inflow at boundaries =    -0.16898E-02g/sq.ft.
               Mass discrepancy =    -0.55879E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.39004    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31806E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.43052E-01g/sq.ft.
                    Diffusion in from water table =    -0.31518    g/sq.ft.
               Total inflow at boundaries =    -0.39004    g/sq.ft.
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               Mass discrepancy =    -0.71153E-06g/sq.ft.


Polygon   1
At time =      33.50, total mass in vadose zone =    0.74957E-01g/sq.ft.
Mass in gas phase     =      0.32556E-02g/sq.ft.
Mass in liquid phase  =      0.45854E-02g/sq.ft.
Mass sorbed           =      0.67116E-01g/sq.ft.

Since last printout at time =      33.00
               Change in Total Mass =    -0.16519E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10190E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.56391E-03g/sq.ft.
                    Diffusion in from water table =    -0.98607E-03g/sq.ft.
               Total inflow at boundaries =    -0.16519E-02g/sq.ft.
               Mass discrepancy =     0.10914E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.39169    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31908E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.43616E-01g/sq.ft.
                    Diffusion in from water table =    -0.31617    g/sq.ft.
               Total inflow at boundaries =    -0.39169    g/sq.ft.
               Mass discrepancy =    -0.70035E-06g/sq.ft.


Polygon   1
At time =      34.00, total mass in vadose zone =    0.73342E-01g/sq.ft.
Mass in gas phase     =      0.31855E-02g/sq.ft.
Mass in liquid phase  =      0.44866E-02g/sq.ft.
Mass sorbed           =      0.65670E-01g/sq.ft.

Since last printout at time =      33.50
               Change in Total Mass =    -0.16149E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99342E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.55381E-03g/sq.ft.
                    Diffusion in from water table =    -0.96175E-03g/sq.ft.
               Total inflow at boundaries =    -0.16149E-02g/sq.ft.
               Mass discrepancy =     0.44311E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.39331    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32007E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.44170E-01g/sq.ft.
                    Diffusion in from water table =    -0.31713    g/sq.ft.
               Total inflow at boundaries =    -0.39331    g/sq.ft.
               Mass discrepancy =    -0.70781E-06g/sq.ft.


Polygon   1
At time =      34.50, total mass in vadose zone =    0.71763E-01g/sq.ft.
Mass in gas phase     =      0.31169E-02g/sq.ft.
Mass in liquid phase  =      0.43900E-02g/sq.ft.
Mass sorbed           =      0.64257E-01g/sq.ft.

Since last printout at time =      34.00
               Change in Total Mass =    -0.15789E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.96869E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.54379E-03g/sq.ft.
                    Diffusion in from water table =    -0.93819E-03g/sq.ft.
               Total inflow at boundaries =    -0.15788E-02g/sq.ft.
               Mass discrepancy =    -0.66211E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.39489    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32104E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.44713E-01g/sq.ft.
                    Diffusion in from water table =    -0.31807    g/sq.ft.
               Total inflow at boundaries =    -0.39489    g/sq.ft.
               Mass discrepancy =    -0.72643E-06g/sq.ft.


Polygon   1
At time =      35.00, total mass in vadose zone =    0.70220E-01g/sq.ft.
Mass in gas phase     =      0.30498E-02g/sq.ft.
Mass in liquid phase  =      0.42956E-02g/sq.ft.
Mass sorbed           =      0.62874E-01g/sq.ft.

Since last printout at time =      34.50
               Change in Total Mass =    -0.15437E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94475E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.53386E-03g/sq.ft.
                    Diffusion in from water table =    -0.91536E-03g/sq.ft.
               Total inflow at boundaries =    -0.15437E-02g/sq.ft.
               Mass discrepancy =    -0.40018E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.39643    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32198E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.45247E-01g/sq.ft.
                    Diffusion in from water table =    -0.31898    g/sq.ft.
               Total inflow at boundaries =    -0.39643    g/sq.ft.
               Mass discrepancy =    -0.68545E-06g/sq.ft.


Polygon   1
At time =      35.50, total mass in vadose zone =    0.68710E-01g/sq.ft.
Mass in gas phase     =      0.29843E-02g/sq.ft.
Mass in liquid phase  =      0.42032E-02g/sq.ft.
Mass sorbed           =      0.61523E-01g/sq.ft.

Since last printout at time =      35.00
               Change in Total Mass =    -0.15094E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92156E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.52403E-03g/sq.ft.
                    Diffusion in from water table =    -0.89323E-03g/sq.ft.
               Total inflow at boundaries =    -0.15094E-02g/sq.ft.
               Mass discrepancy =    -0.24884E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.39794    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32290E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.45771E-01g/sq.ft.
                    Diffusion in from water table =    -0.31988    g/sq.ft.
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               Total inflow at boundaries =    -0.39794    g/sq.ft.
               Mass discrepancy =    -0.71526E-06g/sq.ft.


Polygon   1
At time =      36.00, total mass in vadose zone =    0.67234E-01g/sq.ft.
Mass in gas phase     =      0.29202E-02g/sq.ft.
Mass in liquid phase  =      0.41129E-02g/sq.ft.
Mass sorbed           =      0.60201E-01g/sq.ft.

Since last printout at time =      35.50
               Change in Total Mass =    -0.14760E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89910E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.51431E-03g/sq.ft.
                    Diffusion in from water table =    -0.87176E-03g/sq.ft.
               Total inflow at boundaries =    -0.14760E-02g/sq.ft.
               Mass discrepancy =    -0.85493E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.39942    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32380E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.46286E-01g/sq.ft.
                    Diffusion in from water table =    -0.32075    g/sq.ft.
               Total inflow at boundaries =    -0.39942    g/sq.ft.
               Mass discrepancy =    -0.73761E-06g/sq.ft.


Polygon   1
At time =      36.50, total mass in vadose zone =    0.65791E-01g/sq.ft.
Mass in gas phase     =      0.28575E-02g/sq.ft.
Mass in liquid phase  =      0.40246E-02g/sq.ft.
Mass sorbed           =      0.58909E-01g/sq.ft.

Since last printout at time =      36.00
               Change in Total Mass =    -0.14434E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.87732E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.50469E-03g/sq.ft.
                    Diffusion in from water table =    -0.85093E-03g/sq.ft.
               Total inflow at boundaries =    -0.14434E-02g/sq.ft.
               Mass discrepancy =    -0.38344E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.40086    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32468E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.46790E-01g/sq.ft.
                    Diffusion in from water table =    -0.32160    g/sq.ft.
               Total inflow at boundaries =    -0.40086    g/sq.ft.
               Mass discrepancy =    -0.76368E-06g/sq.ft.


Polygon   1
At time =      37.00, total mass in vadose zone =    0.64379E-01g/sq.ft.
Mass in gas phase     =      0.27962E-02g/sq.ft.
Mass in liquid phase  =      0.39383E-02g/sq.ft.
Mass sorbed           =      0.57645E-01g/sq.ft.

Since last printout at time =      36.50
               Change in Total Mass =    -0.14115E-02g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.85620E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.49519E-03g/sq.ft.
                    Diffusion in from water table =    -0.83072E-03g/sq.ft.
               Total inflow at boundaries =    -0.14115E-02g/sq.ft.
               Mass discrepancy =     0.75670E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.40227    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32554E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.47286E-01g/sq.ft.
                    Diffusion in from water table =    -0.32243    g/sq.ft.
               Total inflow at boundaries =    -0.40227    g/sq.ft.
               Mass discrepancy =    -0.77114E-06g/sq.ft.


Polygon   1
At time =      37.50, total mass in vadose zone =    0.62999E-01g/sq.ft.
Mass in gas phase     =      0.27362E-02g/sq.ft.
Mass in liquid phase  =      0.38538E-02g/sq.ft.
Mass sorbed           =      0.56409E-01g/sq.ft.

Since last printout at time =      37.00
               Change in Total Mass =    -0.13805E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.83571E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.48581E-03g/sq.ft.
                    Diffusion in from water table =    -0.81108E-03g/sq.ft.
               Total inflow at boundaries =    -0.13805E-02g/sq.ft.
               Mass discrepancy =    -0.42710E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.40365    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32637E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.47771E-01g/sq.ft.
                    Diffusion in from water table =    -0.32324    g/sq.ft.
               Total inflow at boundaries =    -0.40365    g/sq.ft.
               Mass discrepancy =    -0.79721E-06g/sq.ft.


Polygon   1
At time =      38.00, total mass in vadose zone =    0.61649E-01g/sq.ft.
Mass in gas phase     =      0.26776E-02g/sq.ft.
Mass in liquid phase  =      0.37713E-02g/sq.ft.
Mass sorbed           =      0.55200E-01g/sq.ft.

Since last printout at time =      37.50
               Change in Total Mass =    -0.13501E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.81582E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.47654E-03g/sq.ft.
                    Diffusion in from water table =    -0.79201E-03g/sq.ft.
               Total inflow at boundaries =    -0.13501E-02g/sq.ft.
               Mass discrepancy =    -0.49622E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.40500    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32719E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48248E-01g/sq.ft.
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                    Diffusion in from water table =    -0.32403    g/sq.ft.
               Total inflow at boundaries =    -0.40500    g/sq.ft.
               Mass discrepancy =    -0.78604E-06g/sq.ft.


Polygon   1
At time =      38.50, total mass in vadose zone =    0.60328E-01g/sq.ft.
Mass in gas phase     =      0.26202E-02g/sq.ft.
Mass in liquid phase  =      0.36905E-02g/sq.ft.
Mass sorbed           =      0.54018E-01g/sq.ft.

Since last printout at time =      38.00
               Change in Total Mass =    -0.13205E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.79651E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.46740E-03g/sq.ft.
                    Diffusion in from water table =    -0.77348E-03g/sq.ft.
               Total inflow at boundaries =    -0.13205E-02g/sq.ft.
               Mass discrepancy =    -0.91677E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.40632    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32799E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48715E-01g/sq.ft.
                    Diffusion in from water table =    -0.32481    g/sq.ft.
               Total inflow at boundaries =    -0.40632    g/sq.ft.
               Mass discrepancy =    -0.77859E-06g/sq.ft.


Polygon   1
At time =      39.00, total mass in vadose zone =    0.59037E-01g/sq.ft.
Mass in gas phase     =      0.25641E-02g/sq.ft.
Mass in liquid phase  =      0.36115E-02g/sq.ft.
Mass sorbed           =      0.52861E-01g/sq.ft.

Since last printout at time =      38.50
               Change in Total Mass =    -0.12916E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77776E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.45839E-03g/sq.ft.
                    Diffusion in from water table =    -0.75546E-03g/sq.ft.
               Total inflow at boundaries =    -0.12916E-02g/sq.ft.
               Mass discrepancy =    -0.97061E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.40761    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32876E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49174E-01g/sq.ft.
                    Diffusion in from water table =    -0.32556    g/sq.ft.
               Total inflow at boundaries =    -0.40761    g/sq.ft.
               Mass discrepancy =    -0.75996E-06g/sq.ft.


Polygon   1
At time =      39.50, total mass in vadose zone =    0.57773E-01g/sq.ft.
Mass in gas phase     =      0.25093E-02g/sq.ft.
Mass in liquid phase  =      0.35342E-02g/sq.ft.
Mass sorbed           =      0.51730E-01g/sq.ft.

Since last printout at time =      39.00
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```
               Change in Total Mass =    -0.12634E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.75953E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.44950E-03g/sq.ft.
                    Diffusion in from water table =    -0.73795E-03g/sq.ft.
               Total inflow at boundaries =    -0.12634E-02g/sq.ft.
               Mass discrepancy =     0.43365E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.40888    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32952E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49623E-01g/sq.ft.
                    Diffusion in from water table =    -0.32630    g/sq.ft.
               Total inflow at boundaries =    -0.40888    g/sq.ft.
               Mass discrepancy =    -0.76368E-06g/sq.ft.


Polygon   1
At time =      40.00, total mass in vadose zone =    0.56537E-01g/sq.ft.
Mass in gas phase     =      0.24556E-02g/sq.ft.
Mass in liquid phase  =      0.34586E-02g/sq.ft.
Mass sorbed           =      0.50623E-01g/sq.ft.

Since last printout at time =      39.50
               Change in Total Mass =    -0.12358E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.74182E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.44074E-03g/sq.ft.
                    Diffusion in from water table =    -0.72091E-03g/sq.ft.
               Total inflow at boundaries =    -0.12358E-02g/sq.ft.
               Mass discrepancy =    -0.39581E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.41011    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33026E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50064E-01g/sq.ft.
                    Diffusion in from water table =    -0.32702    g/sq.ft.
               Total inflow at boundaries =    -0.41011    g/sq.ft.
               Mass discrepancy =    -0.78976E-06g/sq.ft.


Polygon   1
At time =      40.50, total mass in vadose zone =    0.55329E-01g/sq.ft.
Mass in gas phase     =      0.24031E-02g/sq.ft.
Mass in liquid phase  =      0.33846E-02g/sq.ft.
Mass sorbed           =      0.49541E-01g/sq.ft.

Since last printout at time =      40.00
               Change in Total Mass =    -0.12089E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.72460E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.43211E-03g/sq.ft.
                    Diffusion in from water table =    -0.70433E-03g/sq.ft.
               Total inflow at boundaries =    -0.12089E-02g/sq.ft.
               Mass discrepancy =    -0.87239E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.41132    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33099E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.50496E-01g/sq.ft.
                    Diffusion in from water table =    -0.32773    g/sq.ft.
               Total inflow at boundaries =    -0.41132    g/sq.ft.
               Mass discrepancy =    -0.74878E-06g/sq.ft.


Polygon   1
At time =      41.00, total mass in vadose zone =    0.54146E-01g/sq.ft.
Mass in gas phase     =      0.23517E-02g/sq.ft.
Mass in liquid phase  =      0.33123E-02g/sq.ft.
Mass sorbed           =      0.48482E-01g/sq.ft.

Since last printout at time =      40.50
               Change in Total Mass =    -0.11826E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.70785E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.42362E-03g/sq.ft.
                    Diffusion in from water table =    -0.68819E-03g/sq.ft.
               Total inflow at boundaries =    -0.11826E-02g/sq.ft.
               Mass discrepancy =     0.19572E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.41250    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33170E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50920E-01g/sq.ft.
                    Diffusion in from water table =    -0.32841    g/sq.ft.
               Total inflow at boundaries =    -0.41250    g/sq.ft.
               Mass discrepancy =    -0.74878E-06g/sq.ft.


Polygon   1
At time =      41.50, total mass in vadose zone =    0.52989E-01g/sq.ft.
Mass in gas phase     =      0.23015E-02g/sq.ft.
Mass in liquid phase  =      0.32415E-02g/sq.ft.
Mass sorbed           =      0.47446E-01g/sq.ft.

Since last printout at time =      41.00
               Change in Total Mass =    -0.11569E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.69155E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.41526E-03g/sq.ft.
                    Diffusion in from water table =    -0.67249E-03g/sq.ft.
               Total inflow at boundaries =    -0.11569E-02g/sq.ft.
               Mass discrepancy =    -0.36453E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.41366    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33239E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51335E-01g/sq.ft.
                    Diffusion in from water table =    -0.32909    g/sq.ft.
               Total inflow at boundaries =    -0.41366    g/sq.ft.
               Mass discrepancy =    -0.78604E-06g/sq.ft.


Polygon   1
At time =      42.00, total mass in vadose zone =    0.51857E-01g/sq.ft.
Mass in gas phase     =      0.22523E-02g/sq.ft.
Mass in liquid phase  =      0.31723E-02g/sq.ft.
Mass sorbed           =      0.46433E-01g/sq.ft.
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```
Since last printout at time =      41.50
               Change in Total Mass =    -0.11318E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67569E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.40703E-03g/sq.ft.
                    Diffusion in from water table =    -0.65719E-03g/sq.ft.
               Total inflow at boundaries =    -0.11318E-02g/sq.ft.
               Mass discrepancy =    -0.85784E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.41479    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33306E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51742E-01g/sq.ft.
                    Diffusion in from water table =    -0.32974    g/sq.ft.
               Total inflow at boundaries =    -0.41479    g/sq.ft.
               Mass discrepancy =    -0.78231E-06g/sq.ft.


Polygon   1
At time =      42.50, total mass in vadose zone =    0.50750E-01g/sq.ft.
Mass in gas phase     =      0.22042E-02g/sq.ft.
Mass in liquid phase  =      0.31045E-02g/sq.ft.
Mass sorbed           =      0.45441E-01g/sq.ft.

Since last printout at time =      42.00
               Change in Total Mass =    -0.11073E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.66025E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.39893E-03g/sq.ft.
                    Diffusion in from water table =    -0.64229E-03g/sq.ft.
               Total inflow at boundaries =    -0.11073E-02g/sq.ft.
               Mass discrepancy =     0.13242E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.41590    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33372E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52141E-01g/sq.ft.
                    Diffusion in from water table =    -0.33039    g/sq.ft.
               Total inflow at boundaries =    -0.41590    g/sq.ft.
               Mass discrepancy =    -0.75251E-06g/sq.ft.


Polygon   1
At time =      43.00, total mass in vadose zone =    0.49667E-01g/sq.ft.
Mass in gas phase     =      0.21572E-02g/sq.ft.
Mass in liquid phase  =      0.30383E-02g/sq.ft.
Mass sorbed           =      0.44471E-01g/sq.ft.

Since last printout at time =      42.50
               Change in Total Mass =    -0.10833E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64522E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.39097E-03g/sq.ft.
                    Diffusion in from water table =    -0.62778E-03g/sq.ft.
               Total inflow at boundaries =    -0.10833E-02g/sq.ft.
               Mass discrepancy =    -0.43001E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.41698    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.33437E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52532E-01g/sq.ft.
                    Diffusion in from water table =    -0.33101    g/sq.ft.
               Total inflow at boundaries =    -0.41698    g/sq.ft.
               Mass discrepancy =    -0.78231E-06g/sq.ft.


Polygon   1
At time =      43.50, total mass in vadose zone =    0.48607E-01g/sq.ft.
Mass in gas phase     =      0.21111E-02g/sq.ft.
Mass in liquid phase  =      0.29734E-02g/sq.ft.
Mass sorbed           =      0.43522E-01g/sq.ft.

Since last printout at time =      43.00
               Change in Total Mass =    -0.10598E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.63058E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.38314E-03g/sq.ft.
                    Diffusion in from water table =    -0.61364E-03g/sq.ft.
               Total inflow at boundaries =    -0.10598E-02g/sq.ft.
               Mass discrepancy =     0.11205E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.41804    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33500E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52915E-01g/sq.ft.
                    Diffusion in from water table =    -0.33163    g/sq.ft.
               Total inflow at boundaries =    -0.41804    g/sq.ft.
               Mass discrepancy =    -0.79721E-06g/sq.ft.


Polygon   1
At time =      44.00, total mass in vadose zone =    0.47570E-01g/sq.ft.
Mass in gas phase     =      0.20661E-02g/sq.ft.
Mass in liquid phase  =      0.29100E-02g/sq.ft.
Mass sorbed           =      0.42594E-01g/sq.ft.

Since last printout at time =      43.50
               Change in Total Mass =    -0.10369E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61632E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.37545E-03g/sq.ft.
                    Diffusion in from water table =    -0.59986E-03g/sq.ft.
               Total inflow at boundaries =    -0.10369E-02g/sq.ft.
               Mass discrepancy =     0.33906E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.41908    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33562E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53290E-01g/sq.ft.
                    Diffusion in from water table =    -0.33223    g/sq.ft.
               Total inflow at boundaries =    -0.41908    g/sq.ft.
               Mass discrepancy =    -0.81956E-06g/sq.ft.


Polygon   1
At time =      44.50, total mass in vadose zone =    0.46555E-01g/sq.ft.
Mass in gas phase     =      0.20220E-02g/sq.ft.
Mass in liquid phase  =      0.28479E-02g/sq.ft.
Mass sorbed           =      0.41685E-01g/sq.ft.
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```
Since last printout at time =      44.00
               Change in Total Mass =    -0.10146E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.60243E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.36789E-03g/sq.ft.
                    Diffusion in from water table =    -0.58642E-03g/sq.ft.
               Total inflow at boundaries =    -0.10145E-02g/sq.ft.
               Mass discrepancy =    -0.74288E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42010    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33622E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53658E-01g/sq.ft.
                    Diffusion in from water table =    -0.33281    g/sq.ft.
               Total inflow at boundaries =    -0.42009    g/sq.ft.
               Mass discrepancy =    -0.82701E-06g/sq.ft.


Polygon   1
At time =      45.00, total mass in vadose zone =    0.45563E-01g/sq.ft.
Mass in gas phase     =      0.19789E-02g/sq.ft.
Mass in liquid phase  =      0.27872E-02g/sq.ft.
Mass sorbed           =      0.40797E-01g/sq.ft.

Since last printout at time =      44.50
               Change in Total Mass =    -0.99267E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.58889E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.36046E-03g/sq.ft.
                    Diffusion in from water table =    -0.57332E-03g/sq.ft.
               Total inflow at boundaries =    -0.99266E-03g/sq.ft.
               Mass discrepancy =    -0.34852E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42109    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33681E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.54019E-01g/sq.ft.
                    Diffusion in from water table =    -0.33339    g/sq.ft.
               Total inflow at boundaries =    -0.42109    g/sq.ft.
               Mass discrepancy =    -0.81584E-06g/sq.ft.


Polygon   1
At time =      45.50, total mass in vadose zone =    0.44591E-01g/sq.ft.
Mass in gas phase     =      0.19367E-02g/sq.ft.
Mass in liquid phase  =      0.27278E-02g/sq.ft.
Mass sorbed           =      0.39927E-01g/sq.ft.

Since last printout at time =      45.00
               Change in Total Mass =    -0.97127E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.57568E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.35316E-03g/sq.ft.
                    Diffusion in from water table =    -0.56054E-03g/sq.ft.
               Total inflow at boundaries =    -0.97127E-03g/sq.ft.
               Mass discrepancy =    -0.12296E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42206    g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33738E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.54372E-01g/sq.ft.
                    Diffusion in from water table =    -0.33395    g/sq.ft.
               Total inflow at boundaries =    -0.42206    g/sq.ft.
               Mass discrepancy =    -0.83074E-06g/sq.ft.


Polygon   1
At time =      46.00, total mass in vadose zone =    0.43641E-01g/sq.ft.
Mass in gas phase     =      0.18955E-02g/sq.ft.
Mass in liquid phase  =      0.26697E-02g/sq.ft.
Mass sorbed           =      0.39076E-01g/sq.ft.

Since last printout at time =      45.50
               Change in Total Mass =    -0.95035E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56281E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.34599E-03g/sq.ft.
                    Diffusion in from water table =    -0.54808E-03g/sq.ft.
               Total inflow at boundaries =    -0.95035E-03g/sq.ft.
               Mass discrepancy =    -0.17099E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42301    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33795E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.54718E-01g/sq.ft.
                    Diffusion in from water table =    -0.33450    g/sq.ft.
               Total inflow at boundaries =    -0.42301    g/sq.ft.
               Mass discrepancy =    -0.78976E-06g/sq.ft.


Polygon   1
At time =      46.50, total mass in vadose zone =    0.42711E-01g/sq.ft.
Mass in gas phase     =      0.18551E-02g/sq.ft.
Mass in liquid phase  =      0.26128E-02g/sq.ft.
Mass sorbed           =      0.38243E-01g/sq.ft.

Since last printout at time =      46.00
               Change in Total Mass =    -0.92990E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55026E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.33895E-03g/sq.ft.
                    Diffusion in from water table =    -0.53592E-03g/sq.ft.
               Total inflow at boundaries =    -0.92990E-03g/sq.ft.
               Mass discrepancy =     0.16807E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42394    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33850E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.55057E-01g/sq.ft.
                    Diffusion in from water table =    -0.33503    g/sq.ft.
               Total inflow at boundaries =    -0.42394    g/sq.ft.
               Mass discrepancy =    -0.87172E-06g/sq.ft.


Polygon   1
At time =      47.00, total mass in vadose zone =    0.41801E-01g/sq.ft.
Mass in gas phase     =      0.18156E-02g/sq.ft.
Mass in liquid phase  =      0.25571E-02g/sq.ft.
```

```
Mass sorbed           =      0.37429E-01g/sq.ft.

Since last printout at time =      46.50
               Change in Total Mass =    -0.90991E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.53802E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.33203E-03g/sq.ft.
                    Diffusion in from water table =    -0.52406E-03g/sq.ft.
               Total inflow at boundaries =    -0.90990E-03g/sq.ft.
               Mass discrepancy =    -0.98153E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42485    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33903E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.55389E-01g/sq.ft.
                    Diffusion in from water table =    -0.33556    g/sq.ft.
               Total inflow at boundaries =    -0.42485    g/sq.ft.
               Mass discrepancy =    -0.90152E-06g/sq.ft.


Polygon   1
At time =      47.50, total mass in vadose zone =    0.40911E-01g/sq.ft.
Mass in gas phase     =      0.17769E-02g/sq.ft.
Mass in liquid phase  =      0.25027E-02g/sq.ft.
Mass sorbed           =      0.36631E-01g/sq.ft.

Since last printout at time =      47.00
               Change in Total Mass =    -0.89034E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52608E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.32525E-03g/sq.ft.
                    Diffusion in from water table =    -0.51249E-03g/sq.ft.
               Total inflow at boundaries =    -0.89035E-03g/sq.ft.
               Mass discrepancy =     0.97134E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42574    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33956E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.55714E-01g/sq.ft.
                    Diffusion in from water table =    -0.33607    g/sq.ft.
               Total inflow at boundaries =    -0.42574    g/sq.ft.
               Mass discrepancy =    -0.90525E-06g/sq.ft.


Polygon   1
At time =      48.00, total mass in vadose zone =    0.40040E-01g/sq.ft.
Mass in gas phase     =      0.17390E-02g/sq.ft.
Mass in liquid phase  =      0.24494E-02g/sq.ft.
Mass sorbed           =      0.35851E-01g/sq.ft.

Since last printout at time =      47.50
               Change in Total Mass =    -0.87123E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51443E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31859E-03g/sq.ft.
                    Diffusion in from water table =    -0.50119E-03g/sq.ft.
               Total inflow at boundaries =    -0.87122E-03g/sq.ft.
               Mass discrepancy =    -0.27867E-08g/sq.ft.

Since beginning of run at time = 0.0
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```
               Change in Total Mass =    -0.42661    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34007E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.56033E-01g/sq.ft.
                    Diffusion in from water table =    -0.33657    g/sq.ft.
               Total inflow at boundaries =    -0.42661    g/sq.ft.
               Mass discrepancy =    -0.88289E-06g/sq.ft.


Polygon   1
At time =      48.50, total mass in vadose zone =    0.39187E-01g/sq.ft.
Mass in gas phase     =      0.17020E-02g/sq.ft.
Mass in liquid phase  =      0.23972E-02g/sq.ft.
Mass sorbed           =      0.35088E-01g/sq.ft.

Since last printout at time =      48.00
               Change in Total Mass =    -0.85252E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50306E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31205E-03g/sq.ft.
                    Diffusion in from water table =    -0.49016E-03g/sq.ft.
               Total inflow at boundaries =    -0.85252E-03g/sq.ft.
               Mass discrepancy =     0.20518E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42746    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34058E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.56345E-01g/sq.ft.
                    Diffusion in from water table =    -0.33706    g/sq.ft.
               Total inflow at boundaries =    -0.42746    g/sq.ft.
               Mass discrepancy =    -0.84937E-06g/sq.ft.


Polygon   1
At time =      49.00, total mass in vadose zone =    0.38353E-01g/sq.ft.
Mass in gas phase     =      0.16658E-02g/sq.ft.
Mass in liquid phase  =      0.23462E-02g/sq.ft.
Mass sorbed           =      0.34341E-01g/sq.ft.

Since last printout at time =      48.50
               Change in Total Mass =    -0.83424E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49197E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.30564E-03g/sq.ft.
                    Diffusion in from water table =    -0.47940E-03g/sq.ft.
               Total inflow at boundaries =    -0.83424E-03g/sq.ft.
               Mass discrepancy =    -0.23356E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42830    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34107E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.56650E-01g/sq.ft.
                    Diffusion in from water table =    -0.33754    g/sq.ft.
               Total inflow at boundaries =    -0.42830    g/sq.ft.
               Mass discrepancy =    -0.82329E-06g/sq.ft.


Polygon   1
At time =      49.50, total mass in vadose zone =    0.37537E-01g/sq.ft.
Mass in gas phase     =      0.16303E-02g/sq.ft.
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Mass in liquid phase  =      0.22962E-02g/sq.ft.
Mass sorbed           =      0.33610E-01g/sq.ft.

Since last printout at time =      49.00
               Change in Total Mass =    -0.81635E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.48114E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.29935E-03g/sq.ft.
                    Diffusion in from water table =    -0.46889E-03g/sq.ft.
               Total inflow at boundaries =    -0.81635E-03g/sq.ft.
               Mass discrepancy =     0.69122E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42911    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34155E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.56950E-01g/sq.ft.
                    Diffusion in from water table =    -0.33801    g/sq.ft.
               Total inflow at boundaries =    -0.42911    g/sq.ft.
               Mass discrepancy =    -0.76741E-06g/sq.ft.


Polygon   1
At time =      50.00, total mass in vadose zone =    0.36738E-01g/sq.ft.
Mass in gas phase     =      0.15956E-02g/sq.ft.
Mass in liquid phase  =      0.22474E-02g/sq.ft.
Mass sorbed           =      0.32895E-01g/sq.ft.

Since last printout at time =      49.50
               Change in Total Mass =    -0.79886E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47057E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.29318E-03g/sq.ft.
                    Diffusion in from water table =    -0.45862E-03g/sq.ft.
               Total inflow at boundaries =    -0.79886E-03g/sq.ft.
               Mass discrepancy =    -0.24011E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42991    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34202E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.57243E-01g/sq.ft.
                    Diffusion in from water table =    -0.33847    g/sq.ft.
               Total inflow at boundaries =    -0.42991    g/sq.ft.
               Mass discrepancy =    -0.76368E-06g/sq.ft.


Polygon   1
At time =      50.50, total mass in vadose zone =    0.35956E-01g/sq.ft.
Mass in gas phase     =      0.15617E-02g/sq.ft.
Mass in liquid phase  =      0.21995E-02g/sq.ft.
Mass sorbed           =      0.32195E-01g/sq.ft.

Since last printout at time =      50.00
               Change in Total Mass =    -0.78175E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46024E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28712E-03g/sq.ft.
                    Diffusion in from water table =    -0.44860E-03g/sq.ft.
               Total inflow at boundaries =    -0.78175E-03g/sq.ft.
               Mass discrepancy =    -0.22956E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43069    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34248E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.57530E-01g/sq.ft.
                    Diffusion in from water table =    -0.33892    g/sq.ft.
               Total inflow at boundaries =    -0.43069    g/sq.ft.
               Mass discrepancy =    -0.75251E-06g/sq.ft.


Polygon   1
At time =      51.00, total mass in vadose zone =    0.35191E-01g/sq.ft.
Mass in gas phase     =      0.15284E-02g/sq.ft.
Mass in liquid phase  =      0.21527E-02g/sq.ft.
Mass sorbed           =      0.31510E-01g/sq.ft.

Since last printout at time =      50.50
               Change in Total Mass =    -0.76501E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45016E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28119E-03g/sq.ft.
                    Diffusion in from water table =    -0.43881E-03g/sq.ft.
               Total inflow at boundaries =    -0.76501E-03g/sq.ft.
               Mass discrepancy =    -0.50204E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43146    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34293E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.57811E-01g/sq.ft.
                    Diffusion in from water table =    -0.33935    g/sq.ft.
               Total inflow at boundaries =    -0.43146    g/sq.ft.
               Mass discrepancy =    -0.72643E-06g/sq.ft.


Polygon   1
At time =      51.50, total mass in vadose zone =    0.34442E-01g/sq.ft.
Mass in gas phase     =      0.14959E-02g/sq.ft.
Mass in liquid phase  =      0.21069E-02g/sq.ft.
Mass sorbed           =      0.30839E-01g/sq.ft.

Since last printout at time =      51.00
               Change in Total Mass =    -0.74864E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44032E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.27536E-03g/sq.ft.
                    Diffusion in from water table =    -0.42925E-03g/sq.ft.
               Total inflow at boundaries =    -0.74864E-03g/sq.ft.
               Mass discrepancy =    -0.18481E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43221    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34337E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.58087E-01g/sq.ft.
                    Diffusion in from water table =    -0.33978    g/sq.ft.
               Total inflow at boundaries =    -0.43221    g/sq.ft.
               Mass discrepancy =    -0.73388E-06g/sq.ft.


Polygon   1
At time =      52.00, total mass in vadose zone =    0.33710E-01g/sq.ft.
```

```
Mass in gas phase     =      0.14641E-02g/sq.ft.
Mass in liquid phase  =      0.20621E-02g/sq.ft.
Mass sorbed           =      0.30183E-01g/sq.ft.

Since last printout at time =      51.50
               Change in Total Mass =    -0.73263E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43071E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26965E-03g/sq.ft.
                    Diffusion in from water table =    -0.41990E-03g/sq.ft.
               Total inflow at boundaries =    -0.73263E-03g/sq.ft.
               Mass discrepancy =    -0.17826E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43294    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34380E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.58356E-01g/sq.ft.
                    Diffusion in from water table =    -0.34020    g/sq.ft.
               Total inflow at boundaries =    -0.43294    g/sq.ft.
               Mass discrepancy =    -0.75251E-06g/sq.ft.


Polygon   1
At time =      52.50, total mass in vadose zone =    0.32993E-01g/sq.ft.
Mass in gas phase     =      0.14330E-02g/sq.ft.
Mass in liquid phase  =      0.20183E-02g/sq.ft.
Mass sorbed           =      0.29542E-01g/sq.ft.

Since last printout at time =      52.00
               Change in Total Mass =    -0.71696E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42132E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26406E-03g/sq.ft.
                    Diffusion in from water table =    -0.41077E-03g/sq.ft.
               Total inflow at boundaries =    -0.71696E-03g/sq.ft.
               Mass discrepancy =     0.15280E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43366    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34422E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.58620E-01g/sq.ft.
                    Diffusion in from water table =    -0.34061    g/sq.ft.
               Total inflow at boundaries =    -0.43366    g/sq.ft.
               Mass discrepancy =    -0.70408E-06g/sq.ft.


Polygon   1
At time =      53.00, total mass in vadose zone =    0.32291E-01g/sq.ft.
Mass in gas phase     =      0.14025E-02g/sq.ft.
Mass in liquid phase  =      0.19753E-02g/sq.ft.
Mass sorbed           =      0.28913E-01g/sq.ft.

Since last printout at time =      52.50
               Change in Total Mass =    -0.70164E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41214E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25857E-03g/sq.ft.
                    Diffusion in from water table =    -0.40186E-03g/sq.ft.
               Total inflow at boundaries =    -0.70164E-03g/sq.ft.
               Mass discrepancy =    -0.16225E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43436    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34464E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.58879E-01g/sq.ft.
                    Diffusion in from water table =    -0.34102    g/sq.ft.
               Total inflow at boundaries =    -0.43436    g/sq.ft.
               Mass discrepancy =    -0.68173E-06g/sq.ft.


Polygon   1
At time =      53.50, total mass in vadose zone =    0.31604E-01g/sq.ft.
Mass in gas phase     =      0.13727E-02g/sq.ft.
Mass in liquid phase  =      0.19333E-02g/sq.ft.
Mass sorbed           =      0.28298E-01g/sq.ft.

Since last printout at time =      53.00
               Change in Total Mass =    -0.68665E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40318E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25319E-03g/sq.ft.
                    Diffusion in from water table =    -0.39314E-03g/sq.ft.
               Total inflow at boundaries =    -0.68665E-03g/sq.ft.
               Mass discrepancy =    -0.19900E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43505    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34504E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.59132E-01g/sq.ft.
                    Diffusion in from water table =    -0.34141    g/sq.ft.
               Total inflow at boundaries =    -0.43505    g/sq.ft.
               Mass discrepancy =    -0.69663E-06g/sq.ft.


Polygon   1
At time =      54.00, total mass in vadose zone =    0.30932E-01g/sq.ft.
Mass in gas phase     =      0.13435E-02g/sq.ft.
Mass in liquid phase  =      0.18922E-02g/sq.ft.
Mass sorbed           =      0.27697E-01g/sq.ft.

Since last printout at time =      53.50
               Change in Total Mass =    -0.67198E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39442E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24792E-03g/sq.ft.
                    Diffusion in from water table =    -0.38462E-03g/sq.ft.
               Total inflow at boundaries =    -0.67198E-03g/sq.ft.
               Mass discrepancy =    -0.30777E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43572    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34543E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.59380E-01g/sq.ft.
                    Diffusion in from water table =    -0.34179    g/sq.ft.
               Total inflow at boundaries =    -0.43572    g/sq.ft.
               Mass discrepancy =    -0.69104E-06g/sq.ft.


Polygon   1
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```
At time =      54.50, total mass in vadose zone =    0.30275E-01g/sq.ft.
Mass in gas phase     =      0.13149E-02g/sq.ft.
Mass in liquid phase  =      0.18520E-02g/sq.ft.
Mass sorbed           =      0.27108E-01g/sq.ft.

Since last printout at time =      54.00
               Change in Total Mass =    -0.65763E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38587E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24275E-03g/sq.ft.
                    Diffusion in from water table =    -0.37630E-03g/sq.ft.
               Total inflow at boundaries =    -0.65763E-03g/sq.ft.
               Mass discrepancy =    -0.11278E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43638    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34582E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.59623E-01g/sq.ft.
                    Diffusion in from water table =    -0.34217    g/sq.ft.
               Total inflow at boundaries =    -0.43638    g/sq.ft.
               Mass discrepancy =    -0.70408E-06g/sq.ft.


Polygon   1
At time =      55.00, total mass in vadose zone =    0.29631E-01g/sq.ft.
Mass in gas phase     =      0.12870E-02g/sq.ft.
Mass in liquid phase  =      0.18126E-02g/sq.ft.
Mass sorbed           =      0.26532E-01g/sq.ft.

Since last printout at time =      54.50
               Change in Total Mass =    -0.64360E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37750E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23768E-03g/sq.ft.
                    Diffusion in from water table =    -0.36816E-03g/sq.ft.
               Total inflow at boundaries =    -0.64360E-03g/sq.ft.
               Mass discrepancy =     0.36380E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43702    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34620E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.59860E-01g/sq.ft.
                    Diffusion in from water table =    -0.34254    g/sq.ft.
               Total inflow at boundaries =    -0.43702    g/sq.ft.
               Mass discrepancy =    -0.69290E-06g/sq.ft.


Polygon   1
At time =      55.50, total mass in vadose zone =    0.29001E-01g/sq.ft.
Mass in gas phase     =      0.12596E-02g/sq.ft.
Mass in liquid phase  =      0.17741E-02g/sq.ft.
Mass sorbed           =      0.25968E-01g/sq.ft.

Since last printout at time =      55.00
               Change in Total Mass =    -0.62986E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36933E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23272E-03g/sq.ft.
                    Diffusion in from water table =    -0.36021E-03g/sq.ft.
               Total inflow at boundaries =    -0.62986E-03g/sq.ft.
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```
               Mass discrepancy =    -0.18517E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43765    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34657E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.60093E-01g/sq.ft.
                    Diffusion in from water table =    -0.34290    g/sq.ft.
               Total inflow at boundaries =    -0.43765    g/sq.ft.
               Mass discrepancy =    -0.68545E-06g/sq.ft.


Polygon   1
At time =      56.00, total mass in vadose zone =    0.28385E-01g/sq.ft.
Mass in gas phase     =      0.12328E-02g/sq.ft.
Mass in liquid phase  =      0.17364E-02g/sq.ft.
Mass sorbed           =      0.25416E-01g/sq.ft.

Since last printout at time =      55.50
               Change in Total Mass =    -0.61643E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36134E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22786E-03g/sq.ft.
                    Diffusion in from water table =    -0.35244E-03g/sq.ft.
               Total inflow at boundaries =    -0.61643E-03g/sq.ft.
               Mass discrepancy =    -0.16480E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43827    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34693E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.60321E-01g/sq.ft.
                    Diffusion in from water table =    -0.34325    g/sq.ft.
               Total inflow at boundaries =    -0.43827    g/sq.ft.
               Mass discrepancy =    -0.67800E-06g/sq.ft.


Polygon   1
At time =      56.50, total mass in vadose zone =    0.27782E-01g/sq.ft.
Mass in gas phase     =      0.12066E-02g/sq.ft.
Mass in liquid phase  =      0.16995E-02g/sq.ft.
Mass sorbed           =      0.24876E-01g/sq.ft.

Since last printout at time =      56.00
               Change in Total Mass =    -0.60328E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35354E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22309E-03g/sq.ft.
                    Diffusion in from water table =    -0.34484E-03g/sq.ft.
               Total inflow at boundaries =    -0.60328E-03g/sq.ft.
               Mass discrepancy =    -0.37689E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43887    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34728E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.60544E-01g/sq.ft.
                    Diffusion in from water table =    -0.34360    g/sq.ft.
               Total inflow at boundaries =    -0.43887    g/sq.ft.
               Mass discrepancy =    -0.70594E-06g/sq.ft.
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```
Polygon   1
At time =      57.00, total mass in vadose zone =    0.27191E-01g/sq.ft.
Mass in gas phase     =      0.11810E-02g/sq.ft.
Mass in liquid phase  =      0.16634E-02g/sq.ft.
Mass sorbed           =      0.24347E-01g/sq.ft.

Since last printout at time =      56.50
               Change in Total Mass =    -0.59041E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34591E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21842E-03g/sq.ft.
                    Diffusion in from water table =    -0.33741E-03g/sq.ft.
               Total inflow at boundaries =    -0.59042E-03g/sq.ft.
               Mass discrepancy =     0.20118E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.43946    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34763E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.60763E-01g/sq.ft.
                    Diffusion in from water table =    -0.34393    g/sq.ft.
               Total inflow at boundaries =    -0.43946    g/sq.ft.
               Mass discrepancy =    -0.71712E-06g/sq.ft.


Polygon   1
At time =      57.50, total mass in vadose zone =    0.26613E-01g/sq.ft.
Mass in gas phase     =      0.11559E-02g/sq.ft.
Mass in liquid phase  =      0.16280E-02g/sq.ft.
Mass sorbed           =      0.23830E-01g/sq.ft.

Since last printout at time =      57.00
               Change in Total Mass =    -0.57783E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33844E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21384E-03g/sq.ft.
                    Diffusion in from water table =    -0.33014E-03g/sq.ft.
               Total inflow at boundaries =    -0.57783E-03g/sq.ft.
               Mass discrepancy =    -0.36780E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44004    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34797E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.60976E-01g/sq.ft.
                    Diffusion in from water table =    -0.34426    g/sq.ft.
               Total inflow at boundaries =    -0.44004    g/sq.ft.
               Mass discrepancy =    -0.71712E-06g/sq.ft.


Polygon   1
At time =      58.00, total mass in vadose zone =    0.26048E-01g/sq.ft.
Mass in gas phase     =      0.11313E-02g/sq.ft.
Mass in liquid phase  =      0.15934E-02g/sq.ft.
Mass sorbed           =      0.23323E-01g/sq.ft.

Since last printout at time =      57.50
               Change in Total Mass =    -0.56552E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33115E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20936E-03g/sq.ft.
                    Diffusion in from water table =    -0.32304E-03g/sq.ft.
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               Total inflow at boundaries =    -0.56551E-03g/sq.ft.
               Mass discrepancy =    -0.28522E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44060    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34830E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.61186E-01g/sq.ft.
                    Diffusion in from water table =    -0.34459    g/sq.ft.
               Total inflow at boundaries =    -0.44060    g/sq.ft.
               Mass discrepancy =    -0.72457E-06g/sq.ft.


Polygon   1
At time =      58.50, total mass in vadose zone =    0.25494E-01g/sq.ft.
Mass in gas phase     =      0.11073E-02g/sq.ft.
Mass in liquid phase  =      0.15596E-02g/sq.ft.
Mass sorbed           =      0.22828E-01g/sq.ft.

Since last printout at time =      58.00
               Change in Total Mass =    -0.55346E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32402E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20497E-03g/sq.ft.
                    Diffusion in from water table =    -0.31609E-03g/sq.ft.
               Total inflow at boundaries =    -0.55346E-03g/sq.ft.
               Mass discrepancy =     0.33833E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44116    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34862E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.61391E-01g/sq.ft.
                    Diffusion in from water table =    -0.34490    g/sq.ft.
               Total inflow at boundaries =    -0.44116    g/sq.ft.
               Mass discrepancy =    -0.73016E-06g/sq.ft.


Polygon   1
At time =      59.00, total mass in vadose zone =    0.24953E-01g/sq.ft.
Mass in gas phase     =      0.10838E-02g/sq.ft.
Mass in liquid phase  =      0.15264E-02g/sq.ft.
Mass sorbed           =      0.22343E-01g/sq.ft.

Since last printout at time =      58.50
               Change in Total Mass =    -0.54167E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31705E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20067E-03g/sq.ft.
                    Diffusion in from water table =    -0.30930E-03g/sq.ft.
               Total inflow at boundaries =    -0.54167E-03g/sq.ft.
               Mass discrepancy =     0.69122E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44170    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34894E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.61591E-01g/sq.ft.
                    Diffusion in from water table =    -0.34521    g/sq.ft.
               Total inflow at boundaries =    -0.44170    g/sq.ft.
               Mass discrepancy =    -0.74320E-06g/sq.ft.
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Polygon   1
At time =      59.50, total mass in vadose zone =    0.24423E-01g/sq.ft.
Mass in gas phase     =      0.10607E-02g/sq.ft.
Mass in liquid phase  =      0.14940E-02g/sq.ft.
Mass sorbed           =      0.21868E-01g/sq.ft.

Since last printout at time =      59.00
               Change in Total Mass =    -0.53014E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31023E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19645E-03g/sq.ft.
                    Diffusion in from water table =    -0.30266E-03g/sq.ft.
               Total inflow at boundaries =    -0.53014E-03g/sq.ft.
               Mass discrepancy =    -0.20809E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44223    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34925E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.61788E-01g/sq.ft.
                    Diffusion in from water table =    -0.34551    g/sq.ft.
               Total inflow at boundaries =    -0.44223    g/sq.ft.
               Mass discrepancy =    -0.73947E-06g/sq.ft.


Polygon   1
At time =      60.00, total mass in vadose zone =    0.23904E-01g/sq.ft.
Mass in gas phase     =      0.10382E-02g/sq.ft.
Mass in liquid phase  =      0.14623E-02g/sq.ft.
Mass sorbed           =      0.21403E-01g/sq.ft.

Since last printout at time =      59.50
               Change in Total Mass =    -0.51885E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30356E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19233E-03g/sq.ft.
                    Diffusion in from water table =    -0.29617E-03g/sq.ft.
               Total inflow at boundaries =    -0.51885E-03g/sq.ft.
               Mass discrepancy =    -0.36016E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44275    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34955E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.61980E-01g/sq.ft.
                    Diffusion in from water table =    -0.34581    g/sq.ft.
               Total inflow at boundaries =    -0.44275    g/sq.ft.
               Mass discrepancy =    -0.76555E-06g/sq.ft.


Polygon   1
At time =      60.50, total mass in vadose zone =    0.23396E-01g/sq.ft.
Mass in gas phase     =      0.10162E-02g/sq.ft.
Mass in liquid phase  =      0.14312E-02g/sq.ft.
Mass sorbed           =      0.20949E-01g/sq.ft.

Since last printout at time =      60.00
               Change in Total Mass =    -0.50780E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29704E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18828E-03g/sq.ft.
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                    Diffusion in from water table =    -0.28981E-03g/sq.ft.
               Total inflow at boundaries =    -0.50780E-03g/sq.ft.
               Mass discrepancy =    -0.40745E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44325    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34985E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.62168E-01g/sq.ft.
                    Diffusion in from water table =    -0.34610    g/sq.ft.
               Total inflow at boundaries =    -0.44325    g/sq.ft.
               Mass discrepancy =    -0.78231E-06g/sq.ft.


Polygon   1
At time =      61.00, total mass in vadose zone =    0.22899E-01g/sq.ft.
Mass in gas phase     =      0.99457E-03g/sq.ft.
Mass in liquid phase  =      0.14008E-02g/sq.ft.
Mass sorbed           =      0.20504E-01g/sq.ft.

Since last printout at time =      60.50
               Change in Total Mass =    -0.49699E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29067E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18432E-03g/sq.ft.
                    Diffusion in from water table =    -0.28360E-03g/sq.ft.
               Total inflow at boundaries =    -0.49699E-03g/sq.ft.
               Mass discrepancy =    -0.18499E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44375    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35014E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.62353E-01g/sq.ft.
                    Diffusion in from water table =    -0.34638    g/sq.ft.
               Total inflow at boundaries =    -0.44375    g/sq.ft.
               Mass discrepancy =    -0.78231E-06g/sq.ft.


Polygon   1
At time =      61.50, total mass in vadose zone =    0.22413E-01g/sq.ft.
Mass in gas phase     =      0.97344E-03g/sq.ft.
Mass in liquid phase  =      0.13710E-02g/sq.ft.
Mass sorbed           =      0.20068E-01g/sq.ft.

Since last printout at time =      61.00
               Change in Total Mass =    -0.48641E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28443E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18044E-03g/sq.ft.
                    Diffusion in from water table =    -0.27752E-03g/sq.ft.
               Total inflow at boundaries =    -0.48641E-03g/sq.ft.
               Mass discrepancy =    -0.62028E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44424    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35042E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.62533E-01g/sq.ft.
                    Diffusion in from water table =    -0.34666    g/sq.ft.
               Total inflow at boundaries =    -0.44424    g/sq.ft.
               Mass discrepancy =    -0.84564E-06g/sq.ft.
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Polygon   1
At time =      62.00, total mass in vadose zone =    0.21937E-01g/sq.ft.
Mass in gas phase     =      0.95277E-03g/sq.ft.
Mass in liquid phase  =      0.13419E-02g/sq.ft.
Mass sorbed           =      0.19642E-01g/sq.ft.

Since last printout at time =      61.50
               Change in Total Mass =    -0.47606E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27833E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17665E-03g/sq.ft.
                    Diffusion in from water table =    -0.27158E-03g/sq.ft.
               Total inflow at boundaries =    -0.47606E-03g/sq.ft.
               Mass discrepancy =    -0.18372E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44471    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35070E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.62710E-01g/sq.ft.
                    Diffusion in from water table =    -0.34693    g/sq.ft.
               Total inflow at boundaries =    -0.44471    g/sq.ft.
               Mass discrepancy =    -0.94436E-06g/sq.ft.


Polygon   1
At time =      62.50, total mass in vadose zone =    0.21471E-01g/sq.ft.
Mass in gas phase     =      0.93253E-03g/sq.ft.
Mass in liquid phase  =      0.13134E-02g/sq.ft.
Mass sorbed           =      0.19225E-01g/sq.ft.

Since last printout at time =      62.00
               Change in Total Mass =    -0.46593E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27237E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17292E-03g/sq.ft.
                    Diffusion in from water table =    -0.26577E-03g/sq.ft.
               Total inflow at boundaries =    -0.46593E-03g/sq.ft.
               Mass discrepancy =     0.25939E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44518    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35097E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.62883E-01g/sq.ft.
                    Diffusion in from water table =    -0.34720    g/sq.ft.
               Total inflow at boundaries =    -0.44518    g/sq.ft.
               Mass discrepancy =    -0.90711E-06g/sq.ft.


Polygon   1
At time =      63.00, total mass in vadose zone =    0.21015E-01g/sq.ft.
Mass in gas phase     =      0.91272E-03g/sq.ft.
Mass in liquid phase  =      0.12855E-02g/sq.ft.
Mass sorbed           =      0.18816E-01g/sq.ft.

Since last printout at time =      62.50
               Change in Total Mass =    -0.45602E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26654E-04g/sq.ft.
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                    Diffusion in from atmosphere =     -0.16928E-03g/sq.ft.
                    Diffusion in from water table =    -0.26008E-03g/sq.ft.
               Total inflow at boundaries =    -0.45602E-03g/sq.ft.
               Mass discrepancy =    -0.33506E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44564    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35124E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.63052E-01g/sq.ft.
                    Diffusion in from water table =    -0.34746    g/sq.ft.
               Total inflow at boundaries =    -0.44564    g/sq.ft.
               Mass discrepancy =    -0.90897E-06g/sq.ft.


Polygon   1
At time =      63.50, total mass in vadose zone =    0.20568E-01g/sq.ft.
Mass in gas phase     =      0.89334E-03g/sq.ft.
Mass in liquid phase  =      0.12582E-02g/sq.ft.
Mass sorbed           =      0.18417E-01g/sq.ft.

Since last printout at time =      63.00
               Change in Total Mass =    -0.44632E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26083E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16571E-03g/sq.ft.
                    Diffusion in from water table =    -0.25452E-03g/sq.ft.
               Total inflow at boundaries =    -0.44631E-03g/sq.ft.
               Mass discrepancy =    -0.19954E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44608    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35150E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.63218E-01g/sq.ft.
                    Diffusion in from water table =    -0.34771    g/sq.ft.
               Total inflow at boundaries =    -0.44608    g/sq.ft.
               Mass discrepancy =    -0.92015E-06g/sq.ft.


Polygon   1
At time =      64.00, total mass in vadose zone =    0.20131E-01g/sq.ft.
Mass in gas phase     =      0.87437E-03g/sq.ft.
Mass in liquid phase  =      0.12315E-02g/sq.ft.
Mass sorbed           =      0.18026E-01g/sq.ft.

Since last printout at time =      63.50
               Change in Total Mass =    -0.43682E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25525E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16222E-03g/sq.ft.
                    Diffusion in from water table =    -0.24908E-03g/sq.ft.
               Total inflow at boundaries =    -0.43682E-03g/sq.ft.
               Mass discrepancy =     0.27285E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44652    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35176E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.63380E-01g/sq.ft.
                    Diffusion in from water table =    -0.34796    g/sq.ft.
               Total inflow at boundaries =    -0.44652    g/sq.ft.
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               Mass discrepancy =    -0.93877E-06g/sq.ft.


Polygon   1
At time =      64.50, total mass in vadose zone =    0.19704E-01g/sq.ft.
Mass in gas phase     =      0.85580E-03g/sq.ft.
Mass in liquid phase  =      0.12054E-02g/sq.ft.
Mass sorbed           =      0.17643E-01g/sq.ft.

Since last printout at time =      64.00
               Change in Total Mass =    -0.42753E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24979E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15880E-03g/sq.ft.
                    Diffusion in from water table =    -0.24375E-03g/sq.ft.
               Total inflow at boundaries =    -0.42753E-03g/sq.ft.
               Mass discrepancy =     0.22919E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44695    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35201E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.63539E-01g/sq.ft.
                    Diffusion in from water table =    -0.34821    g/sq.ft.
               Total inflow at boundaries =    -0.44695    g/sq.ft.
               Mass discrepancy =    -0.93505E-06g/sq.ft.


Polygon   1
At time =      65.00, total mass in vadose zone =    0.19285E-01g/sq.ft.
Mass in gas phase     =      0.83762E-03g/sq.ft.
Mass in liquid phase  =      0.11798E-02g/sq.ft.
Mass sorbed           =      0.17268E-01g/sq.ft.

Since last printout at time =      64.50
               Change in Total Mass =    -0.41844E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24445E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15545E-03g/sq.ft.
                    Diffusion in from water table =    -0.23854E-03g/sq.ft.
               Total inflow at boundaries =    -0.41844E-03g/sq.ft.
               Mass discrepancy =    -0.21992E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44737    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35225E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.63694E-01g/sq.ft.
                    Diffusion in from water table =    -0.34844    g/sq.ft.
               Total inflow at boundaries =    -0.44736    g/sq.ft.
               Mass discrepancy =    -0.94995E-06g/sq.ft.


Polygon   1
At time =      65.50, total mass in vadose zone =    0.18876E-01g/sq.ft.
Mass in gas phase     =      0.81984E-03g/sq.ft.
Mass in liquid phase  =      0.11547E-02g/sq.ft.
Mass sorbed           =      0.16901E-01g/sq.ft.

Since last printout at time =      65.00
               Change in Total Mass =    -0.40954E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.23922E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15217E-03g/sq.ft.
                    Diffusion in from water table =    -0.23345E-03g/sq.ft.
               Total inflow at boundaries =    -0.40954E-03g/sq.ft.
               Mass discrepancy =     0.15243E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44777    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35249E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.63846E-01g/sq.ft.
                    Diffusion in from water table =    -0.34868    g/sq.ft.
               Total inflow at boundaries =    -0.44777    g/sq.ft.
               Mass discrepancy =    -0.96299E-06g/sq.ft.


Polygon   1
At time =      66.00, total mass in vadose zone =    0.18475E-01g/sq.ft.
Mass in gas phase     =      0.80243E-03g/sq.ft.
Mass in liquid phase  =      0.11302E-02g/sq.ft.
Mass sorbed           =      0.16542E-01g/sq.ft.

Since last printout at time =      65.50
               Change in Total Mass =    -0.40083E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23411E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14895E-03g/sq.ft.
                    Diffusion in from water table =    -0.22847E-03g/sq.ft.
               Total inflow at boundaries =    -0.40083E-03g/sq.ft.
               Mass discrepancy =    -0.21864E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44818    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35272E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.63995E-01g/sq.ft.
                    Diffusion in from water table =    -0.34891    g/sq.ft.
               Total inflow at boundaries =    -0.44817    g/sq.ft.
               Mass discrepancy =    -0.10002E-05g/sq.ft.


Polygon   1
At time =      66.50, total mass in vadose zone =    0.18083E-01g/sq.ft.
Mass in gas phase     =      0.78539E-03g/sq.ft.
Mass in liquid phase  =      0.11062E-02g/sq.ft.
Mass sorbed           =      0.16191E-01g/sq.ft.

Since last printout at time =      66.00
               Change in Total Mass =    -0.39231E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22911E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14581E-03g/sq.ft.
                    Diffusion in from water table =    -0.22359E-03g/sq.ft.
               Total inflow at boundaries =    -0.39231E-03g/sq.ft.
               Mass discrepancy =    -0.24629E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44857    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35295E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.64141E-01g/sq.ft.
                    Diffusion in from water table =    -0.34913    g/sq.ft.
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               Total inflow at boundaries =    -0.44857    g/sq.ft.
               Mass discrepancy =    -0.98720E-06g/sq.ft.


Polygon   1
At time =      67.00, total mass in vadose zone =    0.17699E-01g/sq.ft.
Mass in gas phase     =      0.76871E-03g/sq.ft.
Mass in liquid phase  =      0.10827E-02g/sq.ft.
Mass sorbed           =      0.15847E-01g/sq.ft.

Since last printout at time =      66.50
               Change in Total Mass =    -0.38397E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22422E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14273E-03g/sq.ft.
                    Diffusion in from water table =    -0.21882E-03g/sq.ft.
               Total inflow at boundaries =    -0.38397E-03g/sq.ft.
               Mass discrepancy =     0.32742E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44895    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35318E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.64284E-01g/sq.ft.
                    Diffusion in from water table =    -0.34935    g/sq.ft.
               Total inflow at boundaries =    -0.44895    g/sq.ft.
               Mass discrepancy =    -0.99465E-06g/sq.ft.


Polygon   1
At time =      67.50, total mass in vadose zone =    0.17323E-01g/sq.ft.
Mass in gas phase     =      0.75239E-03g/sq.ft.
Mass in liquid phase  =      0.10597E-02g/sq.ft.
Mass sorbed           =      0.15511E-01g/sq.ft.

Since last printout at time =      67.00
               Change in Total Mass =    -0.37581E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21943E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13971E-03g/sq.ft.
                    Diffusion in from water table =    -0.21415E-03g/sq.ft.
               Total inflow at boundaries =    -0.37581E-03g/sq.ft.
               Mass discrepancy =     0.45657E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44933    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35340E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.64424E-01g/sq.ft.
                    Diffusion in from water table =    -0.34956    g/sq.ft.
               Total inflow at boundaries =    -0.44933    g/sq.ft.
               Mass discrepancy =    -0.10021E-05g/sq.ft.


Polygon   1
At time =      68.00, total mass in vadose zone =    0.16955E-01g/sq.ft.
Mass in gas phase     =      0.73641E-03g/sq.ft.
Mass in liquid phase  =      0.10372E-02g/sq.ft.
Mass sorbed           =      0.15182E-01g/sq.ft.

Since last printout at time =      67.50
               Change in Total Mass =    -0.36782E-03g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21475E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13676E-03g/sq.ft.
                    Diffusion in from water table =    -0.20958E-03g/sq.ft.
               Total inflow at boundaries =    -0.36782E-03g/sq.ft.
               Mass discrepancy =    -0.23047E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44970    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35361E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.64560E-01g/sq.ft.
                    Diffusion in from water table =    -0.34977    g/sq.ft.
               Total inflow at boundaries =    -0.44969    g/sq.ft.
               Mass discrepancy =    -0.10151E-05g/sq.ft.


Polygon   1
At time =      68.50, total mass in vadose zone =    0.16595E-01g/sq.ft.
Mass in gas phase     =      0.72078E-03g/sq.ft.
Mass in liquid phase  =      0.10152E-02g/sq.ft.
Mass sorbed           =      0.14859E-01g/sq.ft.

Since last printout at time =      68.00
               Change in Total Mass =    -0.36000E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21017E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13387E-03g/sq.ft.
                    Diffusion in from water table =    -0.20511E-03g/sq.ft.
               Total inflow at boundaries =    -0.36000E-03g/sq.ft.
               Mass discrepancy =    -0.22828E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45006    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35382E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.64694E-01g/sq.ft.
                    Diffusion in from water table =    -0.34998    g/sq.ft.
               Total inflow at boundaries =    -0.45005    g/sq.ft.
               Mass discrepancy =    -0.10300E-05g/sq.ft.


Polygon   1
At time =      69.00, total mass in vadose zone =    0.16243E-01g/sq.ft.
Mass in gas phase     =      0.70547E-03g/sq.ft.
Mass in liquid phase  =      0.99363E-03g/sq.ft.
Mass sorbed           =      0.14544E-01g/sq.ft.

Since last printout at time =      68.50
               Change in Total Mass =    -0.35235E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20568E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13104E-03g/sq.ft.
                    Diffusion in from water table =    -0.20074E-03g/sq.ft.
               Total inflow at boundaries =    -0.35235E-03g/sq.ft.
               Mass discrepancy =     0.23483E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45041    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35403E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.64825E-01g/sq.ft.
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                    Diffusion in from water table =    -0.35018    g/sq.ft.
               Total inflow at boundaries =    -0.45041    g/sq.ft.
               Mass discrepancy =    -0.10189E-05g/sq.ft.


Polygon   1
At time =      69.50, total mass in vadose zone =    0.15898E-01g/sq.ft.
Mass in gas phase     =      0.69050E-03g/sq.ft.
Mass in liquid phase  =      0.97253E-03g/sq.ft.
Mass sorbed           =      0.14235E-01g/sq.ft.

Since last printout at time =      69.00
               Change in Total Mass =    -0.34487E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20130E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12827E-03g/sq.ft.
                    Diffusion in from water table =    -0.19646E-03g/sq.ft.
               Total inflow at boundaries =    -0.34486E-03g/sq.ft.
               Mass discrepancy =    -0.31396E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45075    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35423E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.64953E-01g/sq.ft.
                    Diffusion in from water table =    -0.35038    g/sq.ft.
               Total inflow at boundaries =    -0.45075    g/sq.ft.
               Mass discrepancy =    -0.10021E-05g/sq.ft.


Polygon   1
At time =      70.00, total mass in vadose zone =    0.15560E-01g/sq.ft.
Mass in gas phase     =      0.67584E-03g/sq.ft.
Mass in liquid phase  =      0.95188E-03g/sq.ft.
Mass sorbed           =      0.13933E-01g/sq.ft.

Since last printout at time =      69.50
               Change in Total Mass =    -0.33753E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19701E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12556E-03g/sq.ft.
                    Diffusion in from water table =    -0.19228E-03g/sq.ft.
               Total inflow at boundaries =    -0.33754E-03g/sq.ft.
               Mass discrepancy =     0.99681E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45109    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35443E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.65079E-01g/sq.ft.
                    Diffusion in from water table =    -0.35057    g/sq.ft.
               Total inflow at boundaries =    -0.45109    g/sq.ft.
               Mass discrepancy =    -0.10217E-05g/sq.ft.


Polygon   1
At time =      70.50, total mass in vadose zone =    0.15230E-01g/sq.ft.
Mass in gas phase     =      0.66149E-03g/sq.ft.
Mass in liquid phase  =      0.93167E-03g/sq.ft.
Mass sorbed           =      0.13637E-01g/sq.ft.

Since last printout at time =      70.00
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               Change in Total Mass =    -0.33037E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19281E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12290E-03g/sq.ft.
                    Diffusion in from water table =    -0.18818E-03g/sq.ft.
               Total inflow at boundaries =    -0.33036E-03g/sq.ft.
               Mass discrepancy =    -0.26048E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45142    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35462E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.65202E-01g/sq.ft.
                    Diffusion in from water table =    -0.35076    g/sq.ft.
               Total inflow at boundaries =    -0.45142    g/sq.ft.
               Mass discrepancy =    -0.10366E-05g/sq.ft.


Polygon   1
At time =      71.00, total mass in vadose zone =    0.14907E-01g/sq.ft.
Mass in gas phase     =      0.64744E-03g/sq.ft.
Mass in liquid phase  =      0.91189E-03g/sq.ft.
Mass sorbed           =      0.13347E-01g/sq.ft.

Since last printout at time =      70.50
               Change in Total Mass =    -0.32334E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18870E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12030E-03g/sq.ft.
                    Diffusion in from water table =    -0.18417E-03g/sq.ft.
               Total inflow at boundaries =    -0.32334E-03g/sq.ft.
               Mass discrepancy =     0.38926E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45174    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35481E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.65322E-01g/sq.ft.
                    Diffusion in from water table =    -0.35094    g/sq.ft.
               Total inflow at boundaries =    -0.45174    g/sq.ft.
               Mass discrepancy =    -0.10366E-05g/sq.ft.


Polygon   1
At time =      71.50, total mass in vadose zone =    0.14590E-01g/sq.ft.
Mass in gas phase     =      0.63370E-03g/sq.ft.
Mass in liquid phase  =      0.89253E-03g/sq.ft.
Mass sorbed           =      0.13064E-01g/sq.ft.

Since last printout at time =      71.00
               Change in Total Mass =    -0.31648E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18468E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11776E-03g/sq.ft.
                    Diffusion in from water table =    -0.18025E-03g/sq.ft.
               Total inflow at boundaries =    -0.31647E-03g/sq.ft.
               Mass discrepancy =    -0.86402E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45206    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35499E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.65440E-01g/sq.ft.
                    Diffusion in from water table =    -0.35112    g/sq.ft.
               Total inflow at boundaries =    -0.45206    g/sq.ft.
               Mass discrepancy =    -0.10487E-05g/sq.ft.


Polygon   1
At time =      72.00, total mass in vadose zone =    0.14281E-01g/sq.ft.
Mass in gas phase     =      0.62024E-03g/sq.ft.
Mass in liquid phase  =      0.87358E-03g/sq.ft.
Mass sorbed           =      0.12787E-01g/sq.ft.

Since last printout at time =      71.50
               Change in Total Mass =    -0.30975E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18075E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11526E-03g/sq.ft.
                    Diffusion in from water table =    -0.17641E-03g/sq.ft.
               Total inflow at boundaries =    -0.30975E-03g/sq.ft.
               Mass discrepancy =     0.80581E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45237    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35517E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.65555E-01g/sq.ft.
                    Diffusion in from water table =    -0.35130    g/sq.ft.
               Total inflow at boundaries =    -0.45237    g/sq.ft.
               Mass discrepancy =    -0.10524E-05g/sq.ft.


Polygon   1
At time =      72.50, total mass in vadose zone =    0.13977E-01g/sq.ft.
Mass in gas phase     =      0.60708E-03g/sq.ft.
Mass in liquid phase  =      0.85504E-03g/sq.ft.
Mass sorbed           =      0.12515E-01g/sq.ft.

Since last printout at time =      72.00
               Change in Total Mass =    -0.30317E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17690E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11282E-03g/sq.ft.
                    Diffusion in from water table =    -0.17266E-03g/sq.ft.
               Total inflow at boundaries =    -0.30317E-03g/sq.ft.
               Mass discrepancy =    -0.60027E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45267    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35535E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.65668E-01g/sq.ft.
                    Diffusion in from water table =    -0.35147    g/sq.ft.
               Total inflow at boundaries =    -0.45267    g/sq.ft.
               Mass discrepancy =    -0.10785E-05g/sq.ft.


Polygon   1
At time =      73.00, total mass in vadose zone =    0.13681E-01g/sq.ft.
Mass in gas phase     =      0.59419E-03g/sq.ft.
Mass in liquid phase  =      0.83689E-03g/sq.ft.
Mass sorbed           =      0.12250E-01g/sq.ft.
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Since last printout at time =      72.50
               Change in Total Mass =    -0.29673E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17313E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11043E-03g/sq.ft.
                    Diffusion in from water table =    -0.16898E-03g/sq.ft.
               Total inflow at boundaries =    -0.29673E-03g/sq.ft.
               Mass discrepancy =    -0.66211E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45297    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35552E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.65779E-01g/sq.ft.
                    Diffusion in from water table =    -0.35164    g/sq.ft.
               Total inflow at boundaries =    -0.45297    g/sq.ft.
               Mass discrepancy =    -0.10645E-05g/sq.ft.


Polygon   1
At time =      73.50, total mass in vadose zone =    0.13390E-01g/sq.ft.
Mass in gas phase     =      0.58157E-03g/sq.ft.
Mass in liquid phase  =      0.81912E-03g/sq.ft.
Mass sorbed           =      0.11989E-01g/sq.ft.

Since last printout at time =      73.00
               Change in Total Mass =    -0.29043E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16944E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10810E-03g/sq.ft.
                    Diffusion in from water table =    -0.16539E-03g/sq.ft.
               Total inflow at boundaries =    -0.29043E-03g/sq.ft.
               Mass discrepancy =    -0.14770E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45326    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35569E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.65887E-01g/sq.ft.
                    Diffusion in from water table =    -0.35180    g/sq.ft.
               Total inflow at boundaries =    -0.45326    g/sq.ft.
               Mass discrepancy =    -0.10664E-05g/sq.ft.


Polygon   1
At time =      74.00, total mass in vadose zone =    0.13106E-01g/sq.ft.
Mass in gas phase     =      0.56923E-03g/sq.ft.
Mass in liquid phase  =      0.80173E-03g/sq.ft.
Mass sorbed           =      0.11735E-01g/sq.ft.

Since last printout at time =      73.50
               Change in Total Mass =    -0.28426E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16584E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10581E-03g/sq.ft.
                    Diffusion in from water table =    -0.16187E-03g/sq.ft.
               Total inflow at boundaries =    -0.28426E-03g/sq.ft.
               Mass discrepancy =     0.54024E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45354    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Advection in from water table =    -0.35586E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.65992E-01g/sq.ft.
                    Diffusion in from water table =    -0.35197    g/sq.ft.
               Total inflow at boundaries =    -0.45354    g/sq.ft.
               Mass discrepancy =    -0.10477E-05g/sq.ft.


Polygon   1
At time =      74.50, total mass in vadose zone =    0.12828E-01g/sq.ft.
Mass in gas phase     =      0.55714E-03g/sq.ft.
Mass in liquid phase  =      0.78471E-03g/sq.ft.
Mass sorbed           =      0.11486E-01g/sq.ft.

Since last printout at time =      74.00
               Change in Total Mass =    -0.27822E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16231E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10357E-03g/sq.ft.
                    Diffusion in from water table =    -0.15842E-03g/sq.ft.
               Total inflow at boundaries =    -0.27822E-03g/sq.ft.
               Mass discrepancy =    -0.27285E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45382    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35602E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.66096E-01g/sq.ft.
                    Diffusion in from water table =    -0.35212    g/sq.ft.
               Total inflow at boundaries =    -0.45382    g/sq.ft.
               Mass discrepancy =    -0.10459E-05g/sq.ft.


Polygon   1
At time =      75.00, total mass in vadose zone =    0.12555E-01g/sq.ft.
Mass in gas phase     =      0.54532E-03g/sq.ft.
Mass in liquid phase  =      0.76805E-03g/sq.ft.
Mass sorbed           =      0.11242E-01g/sq.ft.

Since last printout at time =      74.50
               Change in Total Mass =    -0.27231E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15885E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10137E-03g/sq.ft.
                    Diffusion in from water table =    -0.15505E-03g/sq.ft.
               Total inflow at boundaries =    -0.27231E-03g/sq.ft.
               Mass discrepancy =    -0.20809E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45410    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35618E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.66197E-01g/sq.ft.
                    Diffusion in from water table =    -0.35228    g/sq.ft.
               Total inflow at boundaries =    -0.45409    g/sq.ft.
               Mass discrepancy =    -0.10673E-05g/sq.ft.


Polygon   1
At time =      75.50, total mass in vadose zone =    0.12289E-01g/sq.ft.
Mass in gas phase     =      0.53374E-03g/sq.ft.
Mass in liquid phase  =      0.75175E-03g/sq.ft.
Mass sorbed           =      0.11003E-01g/sq.ft.
```

```
Since last printout at time =      75.00
               Change in Total Mass =    -0.26653E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15547E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.99226E-04g/sq.ft.
                    Diffusion in from water table =    -0.15175E-03g/sq.ft.
               Total inflow at boundaries =    -0.26653E-03g/sq.ft.
               Mass discrepancy =    -0.17280E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45436    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35634E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.66297E-01g/sq.ft.
                    Diffusion in from water table =    -0.35243    g/sq.ft.
               Total inflow at boundaries =    -0.45436    g/sq.ft.
               Mass discrepancy =    -0.10701E-05g/sq.ft.


Polygon   1
At time =      76.00, total mass in vadose zone =    0.12028E-01g/sq.ft.
Mass in gas phase     =      0.52241E-03g/sq.ft.
Mass in liquid phase  =      0.73579E-03g/sq.ft.
Mass sorbed           =      0.10770E-01g/sq.ft.

Since last printout at time =      75.50
               Change in Total Mass =    -0.26087E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15217E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.97124E-04g/sq.ft.
                    Diffusion in from water table =    -0.14853E-03g/sq.ft.
               Total inflow at boundaries =    -0.26087E-03g/sq.ft.
               Mass discrepancy =    -0.97134E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45462    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35649E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.66394E-01g/sq.ft.
                    Diffusion in from water table =    -0.35258    g/sq.ft.
               Total inflow at boundaries =    -0.45462    g/sq.ft.
               Mass discrepancy =    -0.10310E-05g/sq.ft.


Polygon   1
At time =      76.50, total mass in vadose zone =    0.11773E-01g/sq.ft.
Mass in gas phase     =      0.51132E-03g/sq.ft.
Mass in liquid phase  =      0.72017E-03g/sq.ft.
Mass sorbed           =      0.10541E-01g/sq.ft.

Since last printout at time =      76.00
               Change in Total Mass =    -0.25533E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14893E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.95067E-04g/sq.ft.
                    Diffusion in from water table =    -0.14537E-03g/sq.ft.
               Total inflow at boundaries =    -0.25533E-03g/sq.ft.
               Mass discrepancy =    -0.15189E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45488    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35664E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.66489E-01g/sq.ft.
                    Diffusion in from water table =    -0.35272    g/sq.ft.
               Total inflow at boundaries =    -0.45488    g/sq.ft.
               Mass discrepancy =    -0.10813E-05g/sq.ft.


Polygon   1
At time =      77.00, total mass in vadose zone =    0.11523E-01g/sq.ft.
Mass in gas phase     =      0.50047E-03g/sq.ft.
Mass in liquid phase  =      0.70488E-03g/sq.ft.
Mass sorbed           =      0.10317E-01g/sq.ft.

Since last printout at time =      76.50
               Change in Total Mass =    -0.24990E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14576E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.93052E-04g/sq.ft.
                    Diffusion in from water table =    -0.14228E-03g/sq.ft.
               Total inflow at boundaries =    -0.24991E-03g/sq.ft.
               Mass discrepancy =     0.11933E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45513    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35678E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.66582E-01g/sq.ft.
                    Diffusion in from water table =    -0.35287    g/sq.ft.
               Total inflow at boundaries =    -0.45513    g/sq.ft.
               Mass discrepancy =    -0.10449E-05g/sq.ft.


Polygon   1
At time =      77.50, total mass in vadose zone =    0.11278E-01g/sq.ft.
Mass in gas phase     =      0.48984E-03g/sq.ft.
Mass in liquid phase  =      0.68992E-03g/sq.ft.
Mass sorbed           =      0.10098E-01g/sq.ft.

Since last printout at time =      77.00
               Change in Total Mass =    -0.24460E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14266E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.91080E-04g/sq.ft.
                    Diffusion in from water table =    -0.13925E-03g/sq.ft.
               Total inflow at boundaries =    -0.24460E-03g/sq.ft.
               Mass discrepancy =    -0.92041E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45537    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35692E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.66673E-01g/sq.ft.
                    Diffusion in from water table =    -0.35301    g/sq.ft.
               Total inflow at boundaries =    -0.45537    g/sq.ft.
               Mass discrepancy =    -0.96764E-06g/sq.ft.


Polygon   1
At time =      78.00, total mass in vadose zone =    0.11039E-01g/sq.ft.
Mass in gas phase     =      0.47944E-03g/sq.ft.
Mass in liquid phase  =      0.67527E-03g/sq.ft.
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```
Mass sorbed           =      0.98840E-02g/sq.ft.

Since last printout at time =      77.50
               Change in Total Mass =    -0.23941E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13963E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.89150E-04g/sq.ft.
                    Diffusion in from water table =    -0.13629E-03g/sq.ft.
               Total inflow at boundaries =    -0.23940E-03g/sq.ft.
               Mass discrepancy =    -0.10587E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45561    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35706E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.66762E-01g/sq.ft.
                    Diffusion in from water table =    -0.35314    g/sq.ft.
               Total inflow at boundaries =    -0.45561    g/sq.ft.
               Mass discrepancy =    -0.91176E-06g/sq.ft.


Polygon   1
At time =      78.50, total mass in vadose zone =    0.10804E-01g/sq.ft.
Mass in gas phase     =      0.46927E-03g/sq.ft.
Mass in liquid phase  =      0.66094E-03g/sq.ft.
Mass sorbed           =      0.96742E-02g/sq.ft.

Since last printout at time =      78.00
               Change in Total Mass =    -0.23432E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13666E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.87261E-04g/sq.ft.
                    Diffusion in from water table =    -0.13339E-03g/sq.ft.
               Total inflow at boundaries =    -0.23432E-03g/sq.ft.
               Mass discrepancy =     0.29650E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45585    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35720E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.66849E-01g/sq.ft.
                    Diffusion in from water table =    -0.35328    g/sq.ft.
               Total inflow at boundaries =    -0.45585    g/sq.ft.
               Mass discrepancy =    -0.94902E-06g/sq.ft.


Polygon   1
At time =      79.00, total mass in vadose zone =    0.10575E-01g/sq.ft.
Mass in gas phase     =      0.45931E-03g/sq.ft.
Mass in liquid phase  =      0.64691E-03g/sq.ft.
Mass sorbed           =      0.94689E-02g/sq.ft.

Since last printout at time =      78.50
               Change in Total Mass =    -0.22935E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13375E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.85411E-04g/sq.ft.
                    Diffusion in from water table =    -0.13056E-03g/sq.ft.
               Total inflow at boundaries =    -0.22935E-03g/sq.ft.
               Mass discrepancy =    -0.10878E-08g/sq.ft.

Since beginning of run at time = 0.0
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```
               Change in Total Mass =    -0.45608    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35733E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.66935E-01g/sq.ft.
                    Diffusion in from water table =    -0.35341    g/sq.ft.
               Total inflow at boundaries =    -0.45607    g/sq.ft.
               Mass discrepancy =    -0.94064E-06g/sq.ft.


Polygon   1
At time =      79.50, total mass in vadose zone =    0.10351E-01g/sq.ft.
Mass in gas phase     =      0.44956E-03g/sq.ft.
Mass in liquid phase  =      0.63318E-03g/sq.ft.
Mass sorbed           =      0.92679E-02g/sq.ft.

Since last printout at time =      79.00
               Change in Total Mass =    -0.22448E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13091E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.83601E-04g/sq.ft.
                    Diffusion in from water table =    -0.12778E-03g/sq.ft.
               Total inflow at boundaries =    -0.22448E-03g/sq.ft.
               Mass discrepancy =    -0.10368E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45630    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35747E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67018E-01g/sq.ft.
                    Diffusion in from water table =    -0.35353    g/sq.ft.
               Total inflow at boundaries =    -0.45630    g/sq.ft.
               Mass discrepancy =    -0.96392E-06g/sq.ft.


Polygon   1
At time =      80.00, total mass in vadose zone =    0.10131E-01g/sq.ft.
Mass in gas phase     =      0.44001E-03g/sq.ft.
Mass in liquid phase  =      0.61974E-03g/sq.ft.
Mass sorbed           =      0.90711E-02g/sq.ft.

Since last printout at time =      79.50
               Change in Total Mass =    -0.21971E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12813E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.81829E-04g/sq.ft.
                    Diffusion in from water table =    -0.12507E-03g/sq.ft.
               Total inflow at boundaries =    -0.21971E-03g/sq.ft.
               Mass discrepancy =     0.10114E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45652    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35759E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67100E-01g/sq.ft.
                    Diffusion in from water table =    -0.35366    g/sq.ft.
               Total inflow at boundaries =    -0.45652    g/sq.ft.
               Mass discrepancy =    -0.94716E-06g/sq.ft.


Polygon   1
At time =      80.50, total mass in vadose zone =    0.99158E-02g/sq.ft.
Mass in gas phase     =      0.43067E-03g/sq.ft.
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Mass in liquid phase  =      0.60658E-03g/sq.ft.
Mass sorbed           =      0.88786E-02g/sq.ft.

Since last printout at time =      80.00
               Change in Total Mass =    -0.21505E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12540E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.80094E-04g/sq.ft.
                    Diffusion in from water table =    -0.12241E-03g/sq.ft.
               Total inflow at boundaries =    -0.21504E-03g/sq.ft.
               Mass discrepancy =    -0.17953E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45673    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35772E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67180E-01g/sq.ft.
                    Diffusion in from water table =    -0.35378    g/sq.ft.
               Total inflow at boundaries =    -0.45673    g/sq.ft.
               Mass discrepancy =    -0.93225E-06g/sq.ft.


Polygon   1
At time =      81.00, total mass in vadose zone =    0.97054E-02g/sq.ft.
Mass in gas phase     =      0.42153E-03g/sq.ft.
Mass in liquid phase  =      0.59371E-03g/sq.ft.
Mass sorbed           =      0.86901E-02g/sq.ft.

Since last printout at time =      80.50
               Change in Total Mass =    -0.21048E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12274E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.78396E-04g/sq.ft.
                    Diffusion in from water table =    -0.11981E-03g/sq.ft.
               Total inflow at boundaries =    -0.21048E-03g/sq.ft.
               Mass discrepancy =     0.48567E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45695    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35784E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67259E-01g/sq.ft.
                    Diffusion in from water table =    -0.35390    g/sq.ft.
               Total inflow at boundaries =    -0.45694    g/sq.ft.
               Mass discrepancy =    -0.93505E-06g/sq.ft.


Polygon   1
At time =      81.50, total mass in vadose zone =    0.94994E-02g/sq.ft.
Mass in gas phase     =      0.41258E-03g/sq.ft.
Mass in liquid phase  =      0.58111E-03g/sq.ft.
Mass sorbed           =      0.85057E-02g/sq.ft.

Since last printout at time =      81.00
               Change in Total Mass =    -0.20601E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12013E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.76734E-04g/sq.ft.
                    Diffusion in from water table =    -0.11726E-03g/sq.ft.
               Total inflow at boundaries =    -0.20601E-03g/sq.ft.
               Mass discrepancy =     0.10596E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45715    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35796E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67335E-01g/sq.ft.
                    Diffusion in from water table =    -0.35402    g/sq.ft.
               Total inflow at boundaries =    -0.45715    g/sq.ft.
               Mass discrepancy =    -0.92387E-06g/sq.ft.


Polygon   1
At time =      82.00, total mass in vadose zone =    0.92977E-02g/sq.ft.
Mass in gas phase     =      0.40383E-03g/sq.ft.
Mass in liquid phase  =      0.56877E-03g/sq.ft.
Mass sorbed           =      0.83251E-02g/sq.ft.

Since last printout at time =      81.50
               Change in Total Mass =    -0.20164E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11758E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.75107E-04g/sq.ft.
                    Diffusion in from water table =    -0.11477E-03g/sq.ft.
               Total inflow at boundaries =    -0.20164E-03g/sq.ft.
               Mass discrepancy =    -0.21118E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45735    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35808E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67411E-01g/sq.ft.
                    Diffusion in from water table =    -0.35413    g/sq.ft.
               Total inflow at boundaries =    -0.45735    g/sq.ft.
               Mass discrepancy =    -0.92294E-06g/sq.ft.


Polygon   1
At time =      82.50, total mass in vadose zone =    0.91004E-02g/sq.ft.
Mass in gas phase     =      0.39526E-03g/sq.ft.
Mass in liquid phase  =      0.55670E-03g/sq.ft.
Mass sorbed           =      0.81484E-02g/sq.ft.

Since last printout at time =      82.00
               Change in Total Mass =    -0.19735E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11508E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.73514E-04g/sq.ft.
                    Diffusion in from water table =    -0.11233E-03g/sq.ft.
               Total inflow at boundaries =    -0.19735E-03g/sq.ft.
               Mass discrepancy =     0.85493E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45755    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35819E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67484E-01g/sq.ft.
                    Diffusion in from water table =    -0.35425    g/sq.ft.
               Total inflow at boundaries =    -0.45755    g/sq.ft.
               Mass discrepancy =    -0.89686E-06g/sq.ft.


Polygon   1
At time =      83.00, total mass in vadose zone =    0.89072E-02g/sq.ft.
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```
Mass in gas phase     =      0.38687E-03g/sq.ft.
Mass in liquid phase  =      0.54488E-03g/sq.ft.
Mass sorbed           =      0.79755E-02g/sq.ft.

Since last printout at time =      82.50
               Change in Total Mass =    -0.19316E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11263E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.71956E-04g/sq.ft.
                    Diffusion in from water table =    -0.10995E-03g/sq.ft.
               Total inflow at boundaries =    -0.19316E-03g/sq.ft.
               Mass discrepancy =     0.97316E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45774    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35831E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67556E-01g/sq.ft.
                    Diffusion in from water table =    -0.35436    g/sq.ft.
               Total inflow at boundaries =    -0.45774    g/sq.ft.
               Mass discrepancy =    -0.89407E-06g/sq.ft.


Polygon   1
At time =      83.50, total mass in vadose zone =    0.87181E-02g/sq.ft.
Mass in gas phase     =      0.37865E-03g/sq.ft.
Mass in liquid phase  =      0.53332E-03g/sq.ft.
Mass sorbed           =      0.78062E-02g/sq.ft.

Since last printout at time =      83.00
               Change in Total Mass =    -0.18906E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11024E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.70430E-04g/sq.ft.
                    Diffusion in from water table =    -0.10761E-03g/sq.ft.
               Total inflow at boundaries =    -0.18906E-03g/sq.ft.
               Mass discrepancy =    -0.23101E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45793    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35842E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67626E-01g/sq.ft.
                    Diffusion in from water table =    -0.35446    g/sq.ft.
               Total inflow at boundaries =    -0.45793    g/sq.ft.
               Mass discrepancy =    -0.90711E-06g/sq.ft.


Polygon   1
At time =      84.00, total mass in vadose zone =    0.85331E-02g/sq.ft.
Mass in gas phase     =      0.37062E-03g/sq.ft.
Mass in liquid phase  =      0.52200E-03g/sq.ft.
Mass sorbed           =      0.76405E-02g/sq.ft.

Since last printout at time =      83.50
               Change in Total Mass =    -0.18505E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10790E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.68936E-04g/sq.ft.
                    Diffusion in from water table =    -0.10532E-03g/sq.ft.
               Total inflow at boundaries =    -0.18505E-03g/sq.ft.
               Mass discrepancy =    -0.10077E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45812    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35853E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67695E-01g/sq.ft.
                    Diffusion in from water table =    -0.35457    g/sq.ft.
               Total inflow at boundaries =    -0.45812    g/sq.ft.
               Mass discrepancy =    -0.90059E-06g/sq.ft.


Polygon   1
At time =      84.50, total mass in vadose zone =    0.83520E-02g/sq.ft.
Mass in gas phase     =      0.36275E-03g/sq.ft.
Mass in liquid phase  =      0.51092E-03g/sq.ft.
Mass sorbed           =      0.74783E-02g/sq.ft.

Since last printout at time =      84.00
               Change in Total Mass =    -0.18112E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10561E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.67474E-04g/sq.ft.
                    Diffusion in from water table =    -0.10309E-03g/sq.ft.
               Total inflow at boundaries =    -0.18112E-03g/sq.ft.
               Mass discrepancy =    -0.32378E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45830    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35863E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67763E-01g/sq.ft.
                    Diffusion in from water table =    -0.35467    g/sq.ft.
               Total inflow at boundaries =    -0.45830    g/sq.ft.
               Mass discrepancy =    -0.86520E-06g/sq.ft.


Polygon   1
At time =      85.00, total mass in vadose zone =    0.81747E-02g/sq.ft.
Mass in gas phase     =      0.35505E-03g/sq.ft.
Mass in liquid phase  =      0.50007E-03g/sq.ft.
Mass sorbed           =      0.73196E-02g/sq.ft.

Since last printout at time =      84.50
               Change in Total Mass =    -0.17728E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10336E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.66043E-04g/sq.ft.
                    Diffusion in from water table =    -0.10090E-03g/sq.ft.
               Total inflow at boundaries =    -0.17728E-03g/sq.ft.
               Mass discrepancy =    -0.63665E-11g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45848    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35873E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67829E-01g/sq.ft.
                    Diffusion in from water table =    -0.35477    g/sq.ft.
               Total inflow at boundaries =    -0.45848    g/sq.ft.
               Mass discrepancy =    -0.88103E-06g/sq.ft.


Polygon   1
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At time =      85.50, total mass in vadose zone =    0.80012E-02g/sq.ft.
Mass in gas phase     =      0.34751E-03g/sq.ft.
Mass in liquid phase  =      0.48946E-03g/sq.ft.
Mass sorbed           =      0.71642E-02g/sq.ft.

Since last printout at time =      85.00
               Change in Total Mass =    -0.17351E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10117E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.64642E-04g/sq.ft.
                    Diffusion in from water table =    -0.98754E-04g/sq.ft.
               Total inflow at boundaries =    -0.17351E-03g/sq.ft.
               Mass discrepancy =    -0.93041E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45865    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35884E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67893E-01g/sq.ft.
                    Diffusion in from water table =    -0.35487    g/sq.ft.
               Total inflow at boundaries =    -0.45865    g/sq.ft.
               Mass discrepancy =    -0.87079E-06g/sq.ft.


Polygon   1
At time =      86.00, total mass in vadose zone =    0.78313E-02g/sq.ft.
Mass in gas phase     =      0.34014E-03g/sq.ft.
Mass in liquid phase  =      0.47907E-03g/sq.ft.
Mass sorbed           =      0.70121E-02g/sq.ft.

Since last printout at time =      85.50
               Change in Total Mass =    -0.16983E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99018E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.63271E-04g/sq.ft.
                    Diffusion in from water table =    -0.96656E-04g/sq.ft.
               Total inflow at boundaries =    -0.16983E-03g/sq.ft.
               Mass discrepancy =    -0.12551E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45882    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35893E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67957E-01g/sq.ft.
                    Diffusion in from water table =    -0.35497    g/sq.ft.
               Total inflow at boundaries =    -0.45882    g/sq.ft.
               Mass discrepancy =    -0.87917E-06g/sq.ft.


Polygon   1
At time =      86.50, total mass in vadose zone =    0.76651E-02g/sq.ft.
Mass in gas phase     =      0.33292E-03g/sq.ft.
Mass in liquid phase  =      0.46890E-03g/sq.ft.
Mass sorbed           =      0.68633E-02g/sq.ft.

Since last printout at time =      86.00
               Change in Total Mass =    -0.16622E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96915E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.61929E-04g/sq.ft.
                    Diffusion in from water table =    -0.94603E-04g/sq.ft.
               Total inflow at boundaries =    -0.16622E-03g/sq.ft.
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               Mass discrepancy =     0.22555E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45899    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35903E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68019E-01g/sq.ft.
                    Diffusion in from water table =    -0.35506    g/sq.ft.
               Total inflow at boundaries =    -0.45898    g/sq.ft.
               Mass discrepancy =    -0.88802E-06g/sq.ft.


Polygon   1
At time =      87.00, total mass in vadose zone =    0.75024E-02g/sq.ft.
Mass in gas phase     =      0.32585E-03g/sq.ft.
Mass in liquid phase  =      0.45895E-03g/sq.ft.
Mass sorbed           =      0.67176E-02g/sq.ft.

Since last printout at time =      86.50
               Change in Total Mass =    -0.16270E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94856E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.60616E-04g/sq.ft.
                    Diffusion in from water table =    -0.92594E-04g/sq.ft.
               Total inflow at boundaries =    -0.16270E-03g/sq.ft.
               Mass discrepancy =    -0.61573E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45915    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35913E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68079E-01g/sq.ft.
                    Diffusion in from water table =    -0.35516    g/sq.ft.
               Total inflow at boundaries =    -0.45915    g/sq.ft.
               Mass discrepancy =    -0.89314E-06g/sq.ft.


Polygon   1
At time =      87.50, total mass in vadose zone =    0.73432E-02g/sq.ft.
Mass in gas phase     =      0.31894E-03g/sq.ft.
Mass in liquid phase  =      0.44921E-03g/sq.ft.
Mass sorbed           =      0.65750E-02g/sq.ft.

Since last printout at time =      87.00
               Change in Total Mass =    -0.15924E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92841E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.59330E-04g/sq.ft.
                    Diffusion in from water table =    -0.90628E-04g/sq.ft.
               Total inflow at boundaries =    -0.15924E-03g/sq.ft.
               Mass discrepancy =    -0.54843E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45931    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35922E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68139E-01g/sq.ft.
                    Diffusion in from water table =    -0.35525    g/sq.ft.
               Total inflow at boundaries =    -0.45931    g/sq.ft.
               Mass discrepancy =    -0.92387E-06g/sq.ft.
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Polygon   1
At time =      88.00, total mass in vadose zone =    0.71873E-02g/sq.ft.
Mass in gas phase     =      0.31217E-03g/sq.ft.
Mass in liquid phase  =      0.43967E-03g/sq.ft.
Mass sorbed           =      0.64355E-02g/sq.ft.

Since last printout at time =      87.50
               Change in Total Mass =    -0.15586E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.90870E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.58071E-04g/sq.ft.
                    Diffusion in from water table =    -0.88703E-04g/sq.ft.
               Total inflow at boundaries =    -0.15586E-03g/sq.ft.
               Mass discrepancy =     0.68758E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45946    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35931E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68197E-01g/sq.ft.
                    Diffusion in from water table =    -0.35533    g/sq.ft.
               Total inflow at boundaries =    -0.45946    g/sq.ft.
               Mass discrepancy =    -0.89593E-06g/sq.ft.


Polygon   1
At time =      88.50, total mass in vadose zone =    0.70348E-02g/sq.ft.
Mass in gas phase     =      0.30554E-03g/sq.ft.
Mass in liquid phase  =      0.43034E-03g/sq.ft.
Mass sorbed           =      0.62989E-02g/sq.ft.

Since last printout at time =      88.00
               Change in Total Mass =    -0.15255E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.88940E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.56839E-04g/sq.ft.
                    Diffusion in from water table =    -0.86819E-04g/sq.ft.
               Total inflow at boundaries =    -0.15255E-03g/sq.ft.
               Mass discrepancy =    -0.12442E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45962    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35940E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68254E-01g/sq.ft.
                    Diffusion in from water table =    -0.35542    g/sq.ft.
               Total inflow at boundaries =    -0.45962    g/sq.ft.
               Mass discrepancy =    -0.87311E-06g/sq.ft.


Polygon   1
At time =      89.00, total mass in vadose zone =    0.68855E-02g/sq.ft.
Mass in gas phase     =      0.29906E-03g/sq.ft.
Mass in liquid phase  =      0.42120E-03g/sq.ft.
Mass sorbed           =      0.61652E-02g/sq.ft.

Since last printout at time =      88.50
               Change in Total Mass =    -0.14931E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.87051E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.55634E-04g/sq.ft.
                    Diffusion in from water table =    -0.84976E-04g/sq.ft.
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               Total inflow at boundaries =    -0.14931E-03g/sq.ft.
               Mass discrepancy =     0.17280E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45977    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35949E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68309E-01g/sq.ft.
                    Diffusion in from water table =    -0.35551    g/sq.ft.
               Total inflow at boundaries =    -0.45976    g/sq.ft.
               Mass discrepancy =    -0.88895E-06g/sq.ft.


Polygon   1
At time =      89.50, total mass in vadose zone =    0.67393E-02g/sq.ft.
Mass in gas phase     =      0.29271E-03g/sq.ft.
Mass in liquid phase  =      0.41226E-03g/sq.ft.
Mass sorbed           =      0.60343E-02g/sq.ft.

Since last printout at time =      89.00
               Change in Total Mass =    -0.14614E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.85202E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.54453E-04g/sq.ft.
                    Diffusion in from water table =    -0.83171E-04g/sq.ft.
               Total inflow at boundaries =    -0.14614E-03g/sq.ft.
               Mass discrepancy =     0.18281E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45991    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35957E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68364E-01g/sq.ft.
                    Diffusion in from water table =    -0.35559    g/sq.ft.
               Total inflow at boundaries =    -0.45991    g/sq.ft.
               Mass discrepancy =    -0.89034E-06g/sq.ft.


Polygon   1
At time =      90.00, total mass in vadose zone =    0.65963E-02g/sq.ft.
Mass in gas phase     =      0.28650E-03g/sq.ft.
Mass in liquid phase  =      0.40351E-03g/sq.ft.
Mass sorbed           =      0.59063E-02g/sq.ft.

Since last printout at time =      89.50
               Change in Total Mass =    -0.14304E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.83393E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.53298E-04g/sq.ft.
                    Diffusion in from water table =    -0.81405E-04g/sq.ft.
               Total inflow at boundaries =    -0.14304E-03g/sq.ft.
               Mass discrepancy =    -0.77762E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46005    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35965E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68417E-01g/sq.ft.
                    Diffusion in from water table =    -0.35567    g/sq.ft.
               Total inflow at boundaries =    -0.46005    g/sq.ft.
               Mass discrepancy =    -0.86753E-06g/sq.ft.
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Polygon   1
At time =      90.50, total mass in vadose zone =    0.64563E-02g/sq.ft.
Mass in gas phase     =      0.28041E-03g/sq.ft.
Mass in liquid phase  =      0.39495E-03g/sq.ft.
Mass sorbed           =      0.57809E-02g/sq.ft.

Since last printout at time =      90.00
               Change in Total Mass =    -0.14001E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.81622E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.52167E-04g/sq.ft.
                    Diffusion in from water table =    -0.79676E-04g/sq.ft.
               Total inflow at boundaries =    -0.14001E-03g/sq.ft.
               Mass discrepancy =    -0.58935E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46019    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35974E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68469E-01g/sq.ft.
                    Diffusion in from water table =    -0.35575    g/sq.ft.
               Total inflow at boundaries =    -0.46019    g/sq.ft.
               Mass discrepancy =    -0.90012E-06g/sq.ft.


Polygon   1
At time =      91.00, total mass in vadose zone =    0.63192E-02g/sq.ft.
Mass in gas phase     =      0.27446E-03g/sq.ft.
Mass in liquid phase  =      0.38657E-03g/sq.ft.
Mass sorbed           =      0.56582E-02g/sq.ft.

Since last printout at time =      90.50
               Change in Total Mass =    -0.13703E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.79889E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.51061E-04g/sq.ft.
                    Diffusion in from water table =    -0.77985E-04g/sq.ft.
               Total inflow at boundaries =    -0.13703E-03g/sq.ft.
               Mass discrepancy =    -0.18827E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46033    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35982E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68520E-01g/sq.ft.
                    Diffusion in from water table =    -0.35583    g/sq.ft.
               Total inflow at boundaries =    -0.46033    g/sq.ft.
               Mass discrepancy =    -0.88476E-06g/sq.ft.


Polygon   1
At time =      91.50, total mass in vadose zone =    0.61851E-02g/sq.ft.
Mass in gas phase     =      0.26864E-03g/sq.ft.
Mass in liquid phase  =      0.37836E-03g/sq.ft.
Mass sorbed           =      0.55381E-02g/sq.ft.

Since last printout at time =      91.00
               Change in Total Mass =    -0.13413E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.78192E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.49977E-04g/sq.ft.
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                    Diffusion in from water table =    -0.76329E-04g/sq.ft.
               Total inflow at boundaries =    -0.13413E-03g/sq.ft.
               Mass discrepancy =    -0.47385E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46047    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35989E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68570E-01g/sq.ft.
                    Diffusion in from water table =    -0.35591    g/sq.ft.
               Total inflow at boundaries =    -0.46046    g/sq.ft.
               Mass discrepancy =    -0.89640E-06g/sq.ft.


Polygon   1
At time =      92.00, total mass in vadose zone =    0.60538E-02g/sq.ft.
Mass in gas phase     =      0.26294E-03g/sq.ft.
Mass in liquid phase  =      0.37033E-03g/sq.ft.
Mass sorbed           =      0.54206E-02g/sq.ft.

Since last printout at time =      91.50
               Change in Total Mass =    -0.13128E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76532E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.48917E-04g/sq.ft.
                    Diffusion in from water table =    -0.74708E-04g/sq.ft.
               Total inflow at boundaries =    -0.13128E-03g/sq.ft.
               Mass discrepancy =    -0.18190E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46060    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35997E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68619E-01g/sq.ft.
                    Diffusion in from water table =    -0.35598    g/sq.ft.
               Total inflow at boundaries =    -0.46060    g/sq.ft.
               Mass discrepancy =    -0.92527E-06g/sq.ft.


Polygon   1
At time =      92.50, total mass in vadose zone =    0.59253E-02g/sq.ft.
Mass in gas phase     =      0.25735E-03g/sq.ft.
Mass in liquid phase  =      0.36247E-03g/sq.ft.
Mass sorbed           =      0.53055E-02g/sq.ft.

Since last printout at time =      92.00
               Change in Total Mass =    -0.12849E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.74907E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.47879E-04g/sq.ft.
                    Diffusion in from water table =    -0.73122E-04g/sq.ft.
               Total inflow at boundaries =    -0.12849E-03g/sq.ft.
               Mass discrepancy =    -0.98680E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46073    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36005E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68667E-01g/sq.ft.
                    Diffusion in from water table =    -0.35605    g/sq.ft.
               Total inflow at boundaries =    -0.46072    g/sq.ft.
               Mass discrepancy =    -0.88336E-06g/sq.ft.
```

```
Polygon   1
At time =      93.00, total mass in vadose zone =    0.57996E-02g/sq.ft.
Mass in gas phase     =      0.25189E-03g/sq.ft.
Mass in liquid phase  =      0.35478E-03g/sq.ft.
Mass sorbed           =      0.51929E-02g/sq.ft.

Since last printout at time =      92.50
               Change in Total Mass =    -0.12577E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.73317E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.46863E-04g/sq.ft.
                    Diffusion in from water table =    -0.71569E-04g/sq.ft.
               Total inflow at boundaries =    -0.12576E-03g/sq.ft.
               Mass discrepancy =    -0.10732E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46085    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36012E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68714E-01g/sq.ft.
                    Diffusion in from water table =    -0.35612    g/sq.ft.
               Total inflow at boundaries =    -0.46085    g/sq.ft.
               Mass discrepancy =    -0.92760E-06g/sq.ft.


Polygon   1
At time =      93.50, total mass in vadose zone =    0.56765E-02g/sq.ft.
Mass in gas phase     =      0.24655E-03g/sq.ft.
Mass in liquid phase  =      0.34725E-03g/sq.ft.
Mass sorbed           =      0.50827E-02g/sq.ft.

Since last printout at time =      93.00
               Change in Total Mass =    -0.12309E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71760E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.45869E-04g/sq.ft.
                    Diffusion in from water table =    -0.70050E-04g/sq.ft.
               Total inflow at boundaries =    -0.12309E-03g/sq.ft.
               Mass discrepancy =     0.44201E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46097    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36019E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68760E-01g/sq.ft.
                    Diffusion in from water table =    -0.35619    g/sq.ft.
               Total inflow at boundaries =    -0.46097    g/sq.ft.
               Mass discrepancy =    -0.93831E-06g/sq.ft.


Polygon   1
At time =      94.00, total mass in vadose zone =    0.55560E-02g/sq.ft.
Mass in gas phase     =      0.24131E-03g/sq.ft.
Mass in liquid phase  =      0.33988E-03g/sq.ft.
Mass sorbed           =      0.49748E-02g/sq.ft.

Since last printout at time =      93.50
               Change in Total Mass =    -0.12048E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.70236E-05g/sq.ft.
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                    Diffusion in from atmosphere =     -0.44896E-04g/sq.ft.
                    Diffusion in from water table =    -0.68563E-04g/sq.ft.
               Total inflow at boundaries =    -0.12048E-03g/sq.ft.
               Mass discrepancy =    -0.51659E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46109    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36026E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68805E-01g/sq.ft.
                    Diffusion in from water table =    -0.35626    g/sq.ft.
               Total inflow at boundaries =    -0.46109    g/sq.ft.
               Mass discrepancy =    -0.95228E-06g/sq.ft.


Polygon   1
At time =      94.50, total mass in vadose zone =    0.54381E-02g/sq.ft.
Mass in gas phase     =      0.23619E-03g/sq.ft.
Mass in liquid phase  =      0.33266E-03g/sq.ft.
Mass sorbed           =      0.48692E-02g/sq.ft.

Since last printout at time =      94.00
               Change in Total Mass =    -0.11792E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68745E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.43943E-04g/sq.ft.
                    Diffusion in from water table =    -0.67107E-04g/sq.ft.
               Total inflow at boundaries =    -0.11792E-03g/sq.ft.
               Mass discrepancy =     0.45247E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46121    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36033E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68848E-01g/sq.ft.
                    Diffusion in from water table =    -0.35633    g/sq.ft.
               Total inflow at boundaries =    -0.46121    g/sq.ft.
               Mass discrepancy =    -0.10007E-05g/sq.ft.


Polygon   1
At time =      95.00, total mass in vadose zone =    0.53226E-02g/sq.ft.
Mass in gas phase     =      0.23118E-03g/sq.ft.
Mass in liquid phase  =      0.32560E-03g/sq.ft.
Mass sorbed           =      0.47659E-02g/sq.ft.

Since last printout at time =      94.50
               Change in Total Mass =    -0.11542E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67286E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.43011E-04g/sq.ft.
                    Diffusion in from water table =    -0.65682E-04g/sq.ft.
               Total inflow at boundaries =    -0.11542E-03g/sq.ft.
               Mass discrepancy =    -0.16053E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46133    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36040E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68892E-01g/sq.ft.
                    Diffusion in from water table =    -0.35640    g/sq.ft.
               Total inflow at boundaries =    -0.46133    g/sq.ft.
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               Mass discrepancy =    -0.96811E-06g/sq.ft.


Polygon   1
At time =      95.50, total mass in vadose zone =    0.52097E-02g/sq.ft.
Mass in gas phase     =      0.22627E-03g/sq.ft.
Mass in liquid phase  =      0.31869E-03g/sq.ft.
Mass sorbed           =      0.46647E-02g/sq.ft.

Since last printout at time =      95.00
               Change in Total Mass =    -0.11297E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65857E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.42098E-04g/sq.ft.
                    Diffusion in from water table =    -0.64288E-04g/sq.ft.
               Total inflow at boundaries =    -0.11297E-03g/sq.ft.
               Mass discrepancy =    -0.71759E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46144    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36046E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68934E-01g/sq.ft.
                    Diffusion in from water table =    -0.35646    g/sq.ft.
               Total inflow at boundaries =    -0.46144    g/sq.ft.
               Mass discrepancy =    -0.97835E-06g/sq.ft.


Polygon   1
At time =      96.00, total mass in vadose zone =    0.50991E-02g/sq.ft.
Mass in gas phase     =      0.22147E-03g/sq.ft.
Mass in liquid phase  =      0.31193E-03g/sq.ft.
Mass sorbed           =      0.45657E-02g/sq.ft.

Since last printout at time =      95.50
               Change in Total Mass =    -0.11057E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64459E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.41205E-04g/sq.ft.
                    Diffusion in from water table =    -0.62923E-04g/sq.ft.
               Total inflow at boundaries =    -0.11057E-03g/sq.ft.
               Mass discrepancy =    -0.48703E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46155    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36053E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68975E-01g/sq.ft.
                    Diffusion in from water table =    -0.35652    g/sq.ft.
               Total inflow at boundaries =    -0.46155    g/sq.ft.
               Mass discrepancy =    -0.99326E-06g/sq.ft.


Polygon   1
At time =      96.50, total mass in vadose zone =    0.49909E-02g/sq.ft.
Mass in gas phase     =      0.21677E-03g/sq.ft.
Mass in liquid phase  =      0.30531E-03g/sq.ft.
Mass sorbed           =      0.44688E-02g/sq.ft.

Since last printout at time =      96.00
               Change in Total Mass =    -0.10823E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.63090E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.40330E-04g/sq.ft.
                    Diffusion in from water table =    -0.61587E-04g/sq.ft.
               Total inflow at boundaries =    -0.10823E-03g/sq.ft.
               Mass discrepancy =     0.35470E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46166    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36059E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.69015E-01g/sq.ft.
                    Diffusion in from water table =    -0.35658    g/sq.ft.
               Total inflow at boundaries =    -0.46166    g/sq.ft.
               Mass discrepancy =    -0.97742E-06g/sq.ft.


Polygon   1
At time =      97.00, total mass in vadose zone =    0.48849E-02g/sq.ft.
Mass in gas phase     =      0.21217E-03g/sq.ft.
Mass in liquid phase  =      0.29883E-03g/sq.ft.
Mass sorbed           =      0.43739E-02g/sq.ft.

Since last printout at time =      96.50
               Change in Total Mass =    -0.10593E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61751E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.39474E-04g/sq.ft.
                    Diffusion in from water table =    -0.60280E-04g/sq.ft.
               Total inflow at boundaries =    -0.10593E-03g/sq.ft.
               Mass discrepancy =    -0.66075E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46177    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36065E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.69055E-01g/sq.ft.
                    Diffusion in from water table =    -0.35664    g/sq.ft.
               Total inflow at boundaries =    -0.46176    g/sq.ft.
               Mass discrepancy =    -0.99000E-06g/sq.ft.


Polygon   1
At time =      97.50, total mass in vadose zone =    0.47813E-02g/sq.ft.
Mass in gas phase     =      0.20766E-03g/sq.ft.
Mass in liquid phase  =      0.29248E-03g/sq.ft.
Mass sorbed           =      0.42811E-02g/sq.ft.

Since last printout at time =      97.00
               Change in Total Mass =    -0.10368E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.60440E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.38637E-04g/sq.ft.
                    Diffusion in from water table =    -0.59000E-04g/sq.ft.
               Total inflow at boundaries =    -0.10368E-03g/sq.ft.
               Mass discrepancy =     0.70031E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46187    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36071E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.69093E-01g/sq.ft.
                    Diffusion in from water table =    -0.35670    g/sq.ft.
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               Total inflow at boundaries =    -0.46187    g/sq.ft.
               Mass discrepancy =    -0.10110E-05g/sq.ft.


Polygon   1
At time =      98.00, total mass in vadose zone =    0.46798E-02g/sq.ft.
Mass in gas phase     =      0.20326E-03g/sq.ft.
Mass in liquid phase  =      0.28628E-03g/sq.ft.
Mass sorbed           =      0.41902E-02g/sq.ft.

Since last printout at time =      97.50
               Change in Total Mass =    -0.10148E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59157E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.37817E-04g/sq.ft.
                    Diffusion in from water table =    -0.57748E-04g/sq.ft.
               Total inflow at boundaries =    -0.10148E-03g/sq.ft.
               Mass discrepancy =    -0.37153E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46197    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36077E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.69131E-01g/sq.ft.
                    Diffusion in from water table =    -0.35676    g/sq.ft.
               Total inflow at boundaries =    -0.46197    g/sq.ft.
               Mass discrepancy =    -0.10072E-05g/sq.ft.


Polygon   1
At time =      98.50, total mass in vadose zone =    0.45805E-02g/sq.ft.
Mass in gas phase     =      0.19894E-03g/sq.ft.
Mass in liquid phase  =      0.28020E-03g/sq.ft.
Mass sorbed           =      0.41013E-02g/sq.ft.

Since last printout at time =      98.00
               Change in Total Mass =    -0.99326E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.57901E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.37014E-04g/sq.ft.
                    Diffusion in from water table =    -0.56522E-04g/sq.ft.
               Total inflow at boundaries =    -0.99326E-04g/sq.ft.
               Mass discrepancy =     0.26694E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46207    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36083E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.69168E-01g/sq.ft.
                    Diffusion in from water table =    -0.35682    g/sq.ft.
               Total inflow at boundaries =    -0.46207    g/sq.ft.
               Mass discrepancy =    -0.10282E-05g/sq.ft.


Polygon   1
At time =      99.00, total mass in vadose zone =    0.44832E-02g/sq.ft.
Mass in gas phase     =      0.19472E-03g/sq.ft.
Mass in liquid phase  =      0.27425E-03g/sq.ft.
Mass sorbed           =      0.40143E-02g/sq.ft.

Since last printout at time =      98.50
               Change in Total Mass =    -0.97219E-04g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56672E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.36229E-04g/sq.ft.
                    Diffusion in from water table =    -0.55322E-04g/sq.ft.
               Total inflow at boundaries =    -0.97218E-04g/sq.ft.
               Mass discrepancy =    -0.86584E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46217    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36089E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.69204E-01g/sq.ft.
                    Diffusion in from water table =    -0.35687    g/sq.ft.
               Total inflow at boundaries =    -0.46217    g/sq.ft.
               Mass discrepancy =    -0.10170E-05g/sq.ft.


Polygon   1
At time =      99.50, total mass in vadose zone =    0.43881E-02g/sq.ft.
Mass in gas phase     =      0.19059E-03g/sq.ft.
Mass in liquid phase  =      0.26843E-03g/sq.ft.
Mass sorbed           =      0.39291E-02g/sq.ft.

Since last printout at time =      99.00
               Change in Total Mass =    -0.95155E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55469E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.35460E-04g/sq.ft.
                    Diffusion in from water table =    -0.54147E-04g/sq.ft.
               Total inflow at boundaries =    -0.95155E-04g/sq.ft.
               Mass discrepancy =    -0.78671E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46226    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36094E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.69240E-01g/sq.ft.
                    Diffusion in from water table =    -0.35693    g/sq.ft.
               Total inflow at boundaries =    -0.46226    g/sq.ft.
               Mass discrepancy =    -0.10650E-05g/sq.ft.


Polygon   1
At time =     100.00, total mass in vadose zone =    0.42949E-02g/sq.ft.
Mass in gas phase     =      0.18654E-03g/sq.ft.
Mass in liquid phase  =      0.26274E-03g/sq.ft.
Mass sorbed           =      0.38457E-02g/sq.ft.

Since last printout at time =      99.50
               Change in Total Mass =    -0.93136E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.54291E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.34708E-04g/sq.ft.
                    Diffusion in from water table =    -0.52998E-04g/sq.ft.
               Total inflow at boundaries =    -0.93135E-04g/sq.ft.
               Mass discrepancy =    -0.65666E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.46236    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36100E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.69274E-01g/sq.ft.
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Diffusion in from water table = -0.35698 g/sq.ft.
Total inflow at boundaries = -0.46235 g/sq.ft.
Mass discrepancy = -0.10980E-05g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
0.50	0.32502E-01	39.897
1.00	0.33730E-01	41.404
1.50	0.33654E-01	41.311
2.00	0.32759E-01	40.212
2.50	0.31376E-01	38.514
3.00	0.29727E-01	36.490
3.50	0.27963E-01	34.325
4.00	0.26180E-01	32.136
4.50	0.24440E-01	30.000
5.00	0.22779E-01	27.962
5.50	0.21218E-01	26.045
6.00	0.19765E-01	24.262
6.50	0.18423E-01	22.614
7.00	0.17189E-01	21.100
7.50	0.16059E-01	19.712
8.00	0.15024E-01	18.442
8.50	0.14078E-01	17.281
9.00	0.13214E-01	16.221
9.50	0.12425E-01	15.251
10.00	0.11702E-01	14.364
10.50	0.11040E-01	13.552
11.00	0.10433E-01	12.807
11.50	0.98755E-02	12.122
12.00	0.93625E-02	11.492
12.50	0.88897E-02	10.912
13.00	0.84531E-02	10.376
13.50	0.80493E-02	9.8805
14.00	0.76750E-02	9.4211
14.50	0.73276E-02	8.9946
15.00	0.70044E-02	8.5979
15.50	0.67033E-02	8.2283
16.00	0.64223E-02	7.8833
16.50	0.61595E-02	7.5607
17.00	0.59134E-02	7.2586
17.50	0.56825E-02	6.9752
18.00	0.54656E-02	6.7090
18.50	0.52614E-02	6.4584
19.00	0.50691E-02	6.2223
19.50	0.48876E-02	5.9995
20.00	0.47160E-02	5.7889
20.50	0.45537E-02	5.5896
21.00	0.43998E-02	5.4008
21.50	0.42539E-02	5.2217
22.00	0.41153E-02	5.0515
22.50	0.39835E-02	4.8897
23.00	0.38580E-02	4.7357
23.50	0.37384E-02	4.5888
24.00	0.36242E-02	4.4487
24.50	0.35152E-02	4.3149
25.00	0.34110E-02	4.1870
25.50	0.33113E-02	4.0647
26.00	0.32158E-02	3.9474
26.50	0.31243E-02	3.8350
27.00	0.30364E-02	3.7272

27.50	0.29521E-02	3.6237
28.00	0.28710E-02	3.5242
28.50	0.27931E-02	3.4285
29.00	0.27181E-02	3.3364
29.50	0.26458E-02	3.2477
30.00	0.25762E-02	3.1623
30.50	0.25090E-02	3.0798
31.00	0.24442E-02	3.0003
31.50	0.23816E-02	2.9234
32.00	0.23212E-02	2.8492
32.50	0.22627E-02	2.7775
33.00	0.22062E-02	2.7081
33.50	0.21515E-02	2.6409
34.00	0.20985E-02	2.5759
34.50	0.20472E-02	2.5129
35.00	0.19974E-02	2.4518
35.50	0.19492E-02	2.3926
36.00	0.19024E-02	2.3352
36.50	0.18570E-02	2.2795
37.00	0.18130E-02	2.2254
37.50	0.17702E-02	2.1729
38.00	0.17286E-02	2.1218
38.50	0.16882E-02	2.0722
39.00	0.16489E-02	2.0240
39.50	0.16107E-02	1.9771
40.00	0.15735E-02	1.9315
40.50	0.15374E-02	1.8871
41.00	0.15022E-02	1.8440
41.50	0.14679E-02	1.8019
42.00	0.14346E-02	1.7610
42.50	0.14021E-02	1.7211
43.00	0.13704E-02	1.6822
43.50	0.13396E-02	1.6443
44.00	0.13095E-02	1.6074
44.50	0.12802E-02	1.5714
45.00	0.12516E-02	1.5364
45.50	0.12237E-02	1.5021
46.00	0.11965E-02	1.4688
46.50	0.11700E-02	1.4362
47.00	0.11441E-02	1.4044
47.50	0.11189E-02	1.3734
48.00	0.10942E-02	1.3432
48.50	0.10702E-02	1.3136
49.00	0.10467E-02	1.2848
49.50	0.10237E-02	1.2566
50.00	0.10013E-02	1.2291
50.50	0.97944E-03	1.2023
51.00	0.95808E-03	1.1760
51.50	0.93720E-03	1.1504
52.00	0.91681E-03	1.1254
52.50	0.89688E-03	1.1009
53.00	0.87742E-03	1.0770
53.50	0.85839E-03	1.0537
54.00	0.83980E-03	1.0309
54.50	0.82163E-03	1.0085
55.00	0.80387E-03	0.98675
55.50	0.78651E-03	0.96544
56.00	0.76954E-03	0.94461
56.50	0.75295E-03	0.92424
57.00	0.73672E-03	0.90433
57.50	0.72087E-03	0.88486
58.00	0.70536E-03	0.86583

58.50	0.69020E-03	0.84722
59.00	0.67537E-03	0.82901
59.50	0.66087E-03	0.81122
60.00	0.64669E-03	0.79381
60.50	0.63282E-03	0.77678
61.00	0.61925E-03	0.76013
61.50	0.60599E-03	0.74385
62.00	0.59301E-03	0.72792
62.50	0.58032E-03	0.71234
63.00	0.56790E-03	0.69710
63.50	0.55576E-03	0.68219
64.00	0.54388E-03	0.66761
64.50	0.53225E-03	0.65334
65.00	0.52088E-03	0.63938
65.50	0.50976E-03	0.62573
66.00	0.49888E-03	0.61237
66.50	0.48823E-03	0.59930
67.00	0.47781E-03	0.58651
67.50	0.46762E-03	0.57400
68.00	0.45765E-03	0.56176
68.50	0.44789E-03	0.54978
69.00	0.43834E-03	0.53807
69.50	0.42900E-03	0.52660
70.00	0.41986E-03	0.51538
70.50	0.41092E-03	0.50440
71.00	0.40216E-03	0.49366
71.50	0.39360E-03	0.48314
72.00	0.38522E-03	0.47286
72.50	0.37702E-03	0.46279
73.00	0.36899E-03	0.45294
73.50	0.36114E-03	0.44330
74.00	0.35346E-03	0.43387
74.50	0.34594E-03	0.42464
75.00	0.33858E-03	0.41560
75.50	0.33138E-03	0.40676
76.00	0.32433E-03	0.39811
76.50	0.31743E-03	0.38965
77.00	0.31068E-03	0.38136
77.50	0.30408E-03	0.37325
78.00	0.29761E-03	0.36532
78.50	0.29128E-03	0.35755
79.00	0.28509E-03	0.34995
79.50	0.27903E-03	0.34251
80.00	0.27310E-03	0.33523
80.50	0.26730E-03	0.32811
81.00	0.26162E-03	0.32114
81.50	0.25606E-03	0.31431
82.00	0.25062E-03	0.30763
82.50	0.24529E-03	0.30110
83.00	0.24008E-03	0.29470
83.50	0.23498E-03	0.28844
84.00	0.22999E-03	0.28231
84.50	0.22510E-03	0.27632
85.00	0.22032E-03	0.27045
85.50	0.21564E-03	0.26470
86.00	0.21106E-03	0.25908
86.50	0.20658E-03	0.25358
87.00	0.20219E-03	0.24819
87.50	0.19790E-03	0.24292
88.00	0.19370E-03	0.23776
88.50	0.18958E-03	0.23271
89.00	0.18556E-03	0.22777

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     89.50         0.18162E-03               0.22293
     90.00         0.17776E-03               0.21820
     90.50         0.17399E-03               0.21357
     91.00         0.17029E-03               0.20903
     91.50         0.16668E-03               0.20459
     92.00         0.16314E-03               0.20025
     92.50         0.15967E-03               0.19600
     93.00         0.15628E-03               0.19184
     93.50         0.15296E-03               0.18776
     94.00         0.14972E-03               0.18378
     94.50         0.14654E-03               0.17988
     95.00         0.14343E-03               0.17606
     95.50         0.14038E-03               0.17232
     96.00         0.13740E-03               0.16866
     96.50         0.13449E-03               0.16508
     97.00         0.13163E-03               0.16158
     97.50         0.12884E-03               0.15815
     98.00         0.12610E-03               0.15479
     98.50         0.12342E-03               0.15150
     99.00         0.12080E-03               0.14829
     99.50         0.11824E-03               0.14514
    100.00         0.11573E-03               0.14206
**************************************************


Polygon   2
At time =       0.00, total mass in vadose zone =    0.25460    g/sq.ft.
Mass in gas phase     =      0.11058E-01g/sq.ft.
Mass in liquid phase  =      0.15575E-01g/sq.ft.
Mass sorbed           =      0.22797    g/sq.ft.


Polygon   2
At time =       0.50, total mass in vadose zone =    0.24431    g/sq.ft.
Mass in gas phase     =      0.10611E-01g/sq.ft.
Mass in liquid phase  =      0.14945E-01g/sq.ft.
Mass sorbed           =      0.21876    g/sq.ft.

Since last printout at time =       0.00
               Change in Total Mass =    -0.10286E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12101E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.10303E-02g/sq.ft.
                    Diffusion in from water table =    -0.80458E-02g/sq.ft.
               Total inflow at boundaries =    -0.10286E-01g/sq.ft.
               Mass discrepancy =    -0.23749E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.10286E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12101E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.10303E-02g/sq.ft.
                    Diffusion in from water table =    -0.80458E-02g/sq.ft.
               Total inflow at boundaries =    -0.10286E-01g/sq.ft.
               Mass discrepancy =    -0.23749E-07g/sq.ft.


Polygon   2
At time =       1.00, total mass in vadose zone =    0.23526    g/sq.ft.
Mass in gas phase     =      0.10218E-01g/sq.ft.
Mass in liquid phase  =      0.14392E-01g/sq.ft.
Mass sorbed           =      0.21065    g/sq.ft.
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```
Since last printout at time =       0.50
               Change in Total Mass =    -0.90507E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10108E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.87336E-03g/sq.ft.
                    Diffusion in from water table =    -0.71665E-02g/sq.ft.
               Total inflow at boundaries =    -0.90506E-02g/sq.ft.
               Mass discrepancy =    -0.26135E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19337E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22208E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.19037E-02g/sq.ft.
                    Diffusion in from water table =    -0.15212E-01g/sq.ft.
               Total inflow at boundaries =    -0.19337E-01g/sq.ft.
               Mass discrepancy =    -0.50990E-07g/sq.ft.


Polygon   2
At time =       1.50, total mass in vadose zone =    0.22715    g/sq.ft.
Mass in gas phase     =      0.98657E-02g/sq.ft.
Mass in liquid phase  =      0.13895E-01g/sq.ft.
Mass sorbed           =      0.20339    g/sq.ft.

Since last printout at time =       1.00
               Change in Total Mass =    -0.81152E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86475E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.75616E-03g/sq.ft.
                    Diffusion in from water table =    -0.64943E-02g/sq.ft.
               Total inflow at boundaries =    -0.81152E-02g/sq.ft.
               Mass discrepancy =    -0.57044E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27452E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30856E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.26598E-02g/sq.ft.
                    Diffusion in from water table =    -0.21707E-01g/sq.ft.
               Total inflow at boundaries =    -0.27452E-01g/sq.ft.
               Mass discrepancy =    -0.56578E-07g/sq.ft.


Polygon   2
At time =       2.00, total mass in vadose zone =    0.21975    g/sq.ft.
Mass in gas phase     =      0.95445E-02g/sq.ft.
Mass in liquid phase  =      0.13443E-01g/sq.ft.
Mass sorbed           =      0.19677    g/sq.ft.

Since last printout at time =       1.50
               Change in Total Mass =    -0.73945E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.75647E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.66979E-03g/sq.ft.
                    Diffusion in from water table =    -0.59683E-02g/sq.ft.
               Total inflow at boundaries =    -0.73945E-02g/sq.ft.
               Mass discrepancy =    -0.17404E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.34847E-01g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38421E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.33296E-02g/sq.ft.
                    Diffusion in from water table =    -0.27675E-01g/sq.ft.
               Total inflow at boundaries =    -0.34846E-01g/sq.ft.
               Mass discrepancy =    -0.77765E-07g/sq.ft.


Polygon   2
At time =       2.50, total mass in vadose zone =    0.21293    g/sq.ft.
Mass in gas phase     =      0.92480E-02g/sq.ft.
Mass in liquid phase  =      0.13025E-01g/sq.ft.
Mass sorbed           =      0.19065    g/sq.ft.

Since last printout at time =       2.00
               Change in Total Mass =    -0.68280E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67495E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60730E-03g/sq.ft.
                    Diffusion in from water table =    -0.55457E-02g/sq.ft.
               Total inflow at boundaries =    -0.68280E-02g/sq.ft.
               Mass discrepancy =    -0.18685E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.41675E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45170E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.39369E-02g/sq.ft.
                    Diffusion in from water table =    -0.33221E-01g/sq.ft.
               Total inflow at boundaries =    -0.41674E-01g/sq.ft.
               Mass discrepancy =    -0.98255E-07g/sq.ft.


Polygon   2
At time =       3.00, total mass in vadose zone =    0.20655    g/sq.ft.
Mass in gas phase     =      0.89712E-02g/sq.ft.
Mass in liquid phase  =      0.12635E-01g/sq.ft.
Mass sorbed           =      0.18495    g/sq.ft.

Since last printout at time =       2.50
               Change in Total Mass =    -0.63724E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61238E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.56331E-03g/sq.ft.
                    Diffusion in from water table =    -0.51967E-02g/sq.ft.
               Total inflow at boundaries =    -0.63724E-02g/sq.ft.
               Mass discrepancy =     0.58208E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.48047E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51294E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.45002E-02g/sq.ft.
                    Diffusion in from water table =    -0.38417E-01g/sq.ft.
               Total inflow at boundaries =    -0.48047E-01g/sq.ft.
               Mass discrepancy =    -0.98720E-07g/sq.ft.


Polygon   2
At time =       3.50, total mass in vadose zone =    0.20056    g/sq.ft.
Mass in gas phase     =      0.87107E-02g/sq.ft.
Mass in liquid phase  =      0.12269E-01g/sq.ft.
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Mass sorbed           =      0.17958    g/sq.ft.

Since last printout at time =       3.00
               Change in Total Mass =    -0.59972E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56322E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.53358E-03g/sq.ft.
                    Diffusion in from water table =    -0.49004E-02g/sq.ft.
               Total inflow at boundaries =    -0.59972E-02g/sq.ft.
               Mass discrepancy =    -0.45984E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.54044E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56926E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.50338E-02g/sq.ft.
                    Diffusion in from water table =    -0.43318E-01g/sq.ft.
               Total inflow at boundaries =    -0.54044E-01g/sq.ft.
               Mass discrepancy =    -0.99186E-07g/sq.ft.


Polygon   2
At time =       4.00, total mass in vadose zone =    0.19488    g/sq.ft.
Mass in gas phase     =      0.84640E-02g/sq.ft.
Mass in liquid phase  =      0.11921E-01g/sq.ft.
Mass sorbed           =      0.17449    g/sq.ft.

Since last printout at time =       3.50
               Change in Total Mass =    -0.56806E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52360E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.51480E-03g/sq.ft.
                    Diffusion in from water table =    -0.46422E-02g/sq.ft.
               Total inflow at boundaries =    -0.56806E-02g/sq.ft.
               Mass discrepancy =    -0.72177E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.59725E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.62162E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.55486E-02g/sq.ft.
                    Diffusion in from water table =    -0.47960E-01g/sq.ft.
               Total inflow at boundaries =    -0.59725E-01g/sq.ft.
               Mass discrepancy =    -0.11036E-06g/sq.ft.


Polygon   2
At time =       4.50, total mass in vadose zone =    0.18947    g/sq.ft.
Mass in gas phase     =      0.82291E-02g/sq.ft.
Mass in liquid phase  =      0.11590E-01g/sq.ft.
Mass sorbed           =      0.16965    g/sq.ft.

Since last printout at time =       4.00
               Change in Total Mass =    -0.54073E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49077E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.50436E-03g/sq.ft.
                    Diffusion in from water table =    -0.44122E-02g/sq.ft.
               Total inflow at boundaries =    -0.54074E-02g/sq.ft.
               Mass discrepancy =     0.36089E-08g/sq.ft.

Since beginning of run at time = 0.0
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               Change in Total Mass =    -0.65132E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67070E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.60530E-02g/sq.ft.
                    Diffusion in from water table =    -0.52372E-01g/sq.ft.
               Total inflow at boundaries =    -0.65132E-01g/sq.ft.
               Mass discrepancy =    -0.10850E-06g/sq.ft.


Polygon   2
At time =       5.00, total mass in vadose zone =    0.18430    g/sq.ft.
Mass in gas phase     =      0.80047E-02g/sq.ft.
Mass in liquid phase  =      0.11274E-01g/sq.ft.
Mass sorbed           =      0.16502    g/sq.ft.

Since last printout at time =       4.50
               Change in Total Mass =    -0.51666E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46284E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.50021E-03g/sq.ft.
                    Diffusion in from water table =    -0.42035E-02g/sq.ft.
               Total inflow at boundaries =    -0.51666E-02g/sq.ft.
               Mass discrepancy =    -0.21828E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.70299E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71698E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.65532E-02g/sq.ft.
                    Diffusion in from water table =    -0.56576E-01g/sq.ft.
               Total inflow at boundaries =    -0.70299E-01g/sq.ft.
               Mass discrepancy =    -0.12806E-06g/sq.ft.


Polygon   2
At time =       5.50, total mass in vadose zone =    0.17935    g/sq.ft.
Mass in gas phase     =      0.77897E-02g/sq.ft.
Mass in liquid phase  =      0.10971E-01g/sq.ft.
Mass sorbed           =      0.16059    g/sq.ft.

Since last printout at time =       5.00
               Change in Total Mass =    -0.49506E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43848E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.50072E-03g/sq.ft.
                    Diffusion in from water table =    -0.40114E-02g/sq.ft.
               Total inflow at boundaries =    -0.49506E-02g/sq.ft.
               Mass discrepancy =     0.42492E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.75249E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76083E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.70539E-02g/sq.ft.
                    Diffusion in from water table =    -0.60587E-01g/sq.ft.
               Total inflow at boundaries =    -0.75249E-01g/sq.ft.
               Mass discrepancy =    -0.12247E-06g/sq.ft.


Polygon   2
At time =       6.00, total mass in vadose zone =    0.17460    g/sq.ft.
Mass in gas phase     =      0.75832E-02g/sq.ft.
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Mass in liquid phase  =      0.10681E-01g/sq.ft.
Mass sorbed           =      0.15633    g/sq.ft.

Since last printout at time =       5.50
               Change in Total Mass =    -0.47540E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41676E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.50461E-03g/sq.ft.
                    Diffusion in from water table =    -0.38327E-02g/sq.ft.
               Total inflow at boundaries =    -0.47540E-02g/sq.ft.
               Mass discrepancy =    -0.80909E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.80003E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.80251E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.75585E-02g/sq.ft.
                    Diffusion in from water table =    -0.64420E-01g/sq.ft.
               Total inflow at boundaries =    -0.80003E-01g/sq.ft.
               Mass discrepancy =    -0.12480E-06g/sq.ft.


Polygon   2
At time =       6.50, total mass in vadose zone =    0.17002    g/sq.ft.
Mass in gas phase     =      0.73846E-02g/sq.ft.
Mass in liquid phase  =      0.10401E-01g/sq.ft.
Mass sorbed           =      0.15224    g/sq.ft.

Since last printout at time =       6.00
               Change in Total Mass =    -0.45730E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39706E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.51086E-03g/sq.ft.
                    Diffusion in from water table =    -0.36651E-02g/sq.ft.
               Total inflow at boundaries =    -0.45730E-02g/sq.ft.
               Mass discrepancy =    -0.25146E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.84576E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.84221E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.80694E-02g/sq.ft.
                    Diffusion in from water table =    -0.68085E-01g/sq.ft.
               Total inflow at boundaries =    -0.84576E-01g/sq.ft.
               Mass discrepancy =    -0.14063E-06g/sq.ft.


Polygon   2
At time =       7.00, total mass in vadose zone =    0.16562    g/sq.ft.
Mass in gas phase     =      0.71933E-02g/sq.ft.
Mass in liquid phase  =      0.10131E-01g/sq.ft.
Mass sorbed           =      0.14829    g/sq.ft.

Since last printout at time =       6.50
               Change in Total Mass =    -0.44047E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37893E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.51868E-03g/sq.ft.
                    Diffusion in from water table =    -0.35071E-02g/sq.ft.
               Total inflow at boundaries =    -0.44047E-02g/sq.ft.
               Mass discrepancy =    -0.18335E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.88981E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.88010E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.85881E-02g/sq.ft.
                    Diffusion in from water table =    -0.71592E-01g/sq.ft.
               Total inflow at boundaries =    -0.88981E-01g/sq.ft.
               Mass discrepancy =    -0.14342E-06g/sq.ft.


Polygon   2
At time =       7.50, total mass in vadose zone =    0.16137    g/sq.ft.
Mass in gas phase     =      0.70088E-02g/sq.ft.
Mass in liquid phase  =      0.98716E-02g/sq.ft.
Mass sorbed           =      0.14449    g/sq.ft.

Since last printout at time =       7.00
               Change in Total Mass =    -0.42473E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36207E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.52745E-03g/sq.ft.
                    Diffusion in from water table =    -0.33577E-02g/sq.ft.
               Total inflow at boundaries =    -0.42473E-02g/sq.ft.
               Mass discrepancy =     0.35216E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.93228E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91631E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.91155E-02g/sq.ft.
                    Diffusion in from water table =    -0.74950E-01g/sq.ft.
               Total inflow at boundaries =    -0.93228E-01g/sq.ft.
               Mass discrepancy =    -0.14808E-06g/sq.ft.


Polygon   2
At time =       8.00, total mass in vadose zone =    0.15727    g/sq.ft.
Mass in gas phase     =      0.68308E-02g/sq.ft.
Mass in liquid phase  =      0.96208E-02g/sq.ft.
Mass sorbed           =      0.14082    g/sq.ft.

Since last printout at time =       7.50
               Change in Total Mass =    -0.40991E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34628E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.53666E-03g/sq.ft.
                    Diffusion in from water table =    -0.32162E-02g/sq.ft.
               Total inflow at boundaries =    -0.40991E-02g/sq.ft.
               Mass discrepancy =    -0.25961E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.97328E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95094E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.96522E-02g/sq.ft.
                    Diffusion in from water table =    -0.78166E-01g/sq.ft.
               Total inflow at boundaries =    -0.97327E-01g/sq.ft.
               Mass discrepancy =    -0.18813E-06g/sq.ft.


Polygon   2
At time =       8.50, total mass in vadose zone =    0.15331    g/sq.ft.
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```
Mass in gas phase     =      0.66588E-02g/sq.ft.
Mass in liquid phase  =      0.93786E-02g/sq.ft.
Mass sorbed           =      0.13728    g/sq.ft.

Since last printout at time =       8.00
               Change in Total Mass =    -0.39592E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33142E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.54596E-03g/sq.ft.
                    Diffusion in from water table =    -0.30818E-02g/sq.ft.
               Total inflow at boundaries =    -0.39592E-02g/sq.ft.
               Mass discrepancy =    -0.64028E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.10129    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98408E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.10198E-01g/sq.ft.
                    Diffusion in from water table =    -0.81248E-01g/sq.ft.
               Total inflow at boundaries =    -0.10129    g/sq.ft.
               Mass discrepancy =    -0.18906E-06g/sq.ft.


Polygon   2
At time =       9.00, total mass in vadose zone =    0.14949    g/sq.ft.
Mass in gas phase     =      0.64926E-02g/sq.ft.
Mass in liquid phase  =      0.91445E-02g/sq.ft.
Mass sorbed           =      0.13385    g/sq.ft.

Since last printout at time =       8.50
               Change in Total Mass =    -0.38267E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31737E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.55503E-03g/sq.ft.
                    Diffusion in from water table =    -0.29543E-02g/sq.ft.
               Total inflow at boundaries =    -0.38267E-02g/sq.ft.
               Mass discrepancy =    -0.38708E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.10511    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10158E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10753E-01g/sq.ft.
                    Diffusion in from water table =    -0.84202E-01g/sq.ft.
               Total inflow at boundaries =    -0.10511    g/sq.ft.
               Mass discrepancy =    -0.19372E-06g/sq.ft.


Polygon   2
At time =       9.50, total mass in vadose zone =    0.14579    g/sq.ft.
Mass in gas phase     =      0.63319E-02g/sq.ft.
Mass in liquid phase  =      0.89182E-02g/sq.ft.
Mass sorbed           =      0.13054    g/sq.ft.

Since last printout at time =       9.00
               Change in Total Mass =    -0.37009E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30406E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.56368E-03g/sq.ft.
                    Diffusion in from water table =    -0.28331E-02g/sq.ft.
               Total inflow at boundaries =    -0.37009E-02g/sq.ft.
               Mass discrepancy =    -0.93423E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.10881    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10462E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11317E-01g/sq.ft.
                    Diffusion in from water table =    -0.87035E-01g/sq.ft.
               Total inflow at boundaries =    -0.10881    g/sq.ft.
               Mass discrepancy =    -0.18999E-06g/sq.ft.


Polygon   2
At time =      10.00, total mass in vadose zone =    0.14220    g/sq.ft.
Mass in gas phase     =      0.61763E-02g/sq.ft.
Mass in liquid phase  =      0.86991E-02g/sq.ft.
Mass sorbed           =      0.12733    g/sq.ft.

Since last printout at time =       9.50
               Change in Total Mass =    -0.35813E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29144E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.57172E-03g/sq.ft.
                    Diffusion in from water table =    -0.27181E-02g/sq.ft.
               Total inflow at boundaries =    -0.35813E-02g/sq.ft.
               Mass discrepancy =     0.34051E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.11240    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10754E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11889E-01g/sq.ft.
                    Diffusion in from water table =    -0.89753E-01g/sq.ft.
               Total inflow at boundaries =    -0.11240    g/sq.ft.
               Mass discrepancy =    -0.18626E-06g/sq.ft.


Polygon   2
At time =      10.50, total mass in vadose zone =    0.13874    g/sq.ft.
Mass in gas phase     =      0.60257E-02g/sq.ft.
Mass in liquid phase  =      0.84870E-02g/sq.ft.
Mass sorbed           =      0.12422    g/sq.ft.

Since last printout at time =      10.00
               Change in Total Mass =    -0.34674E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27946E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.57906E-03g/sq.ft.
                    Diffusion in from water table =    -0.26089E-02g/sq.ft.
               Total inflow at boundaries =    -0.34674E-02g/sq.ft.
               Mass discrepancy =    -0.16415E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.11586    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11033E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12468E-01g/sq.ft.
                    Diffusion in from water table =    -0.92362E-01g/sq.ft.
               Total inflow at boundaries =    -0.11586    g/sq.ft.
               Mass discrepancy =    -0.19744E-06g/sq.ft.


Polygon   2
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At time =      11.00, total mass in vadose zone =    0.13538    g/sq.ft.
Mass in gas phase     =      0.58799E-02g/sq.ft.
Mass in liquid phase  =      0.82815E-02g/sq.ft.
Mass sorbed           =      0.12122    g/sq.ft.

Since last printout at time =      10.50
               Change in Total Mass =    -0.33588E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26810E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.58560E-03g/sq.ft.
                    Diffusion in from water table =    -0.25051E-02g/sq.ft.
               Total inflow at boundaries =    -0.33588E-02g/sq.ft.
               Mass discrepancy =     0.15134E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.11922    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11301E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13053E-01g/sq.ft.
                    Diffusion in from water table =    -0.94867E-01g/sq.ft.
               Total inflow at boundaries =    -0.11922    g/sq.ft.
               Mass discrepancy =    -0.18068E-06g/sq.ft.


Polygon   2
At time =      11.50, total mass in vadose zone =    0.13212    g/sq.ft.
Mass in gas phase     =      0.57385E-02g/sq.ft.
Mass in liquid phase  =      0.80824E-02g/sq.ft.
Mass sorbed           =      0.11830    g/sq.ft.

Since last printout at time =      11.00
               Change in Total Mass =    -0.32553E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25730E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.59130E-03g/sq.ft.
                    Diffusion in from water table =    -0.24067E-02g/sq.ft.
               Total inflow at boundaries =    -0.32553E-02g/sq.ft.
               Mass discrepancy =    -0.47730E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.12248    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11559E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13645E-01g/sq.ft.
                    Diffusion in from water table =    -0.97274E-01g/sq.ft.
               Total inflow at boundaries =    -0.12248    g/sq.ft.
               Mass discrepancy =    -0.19372E-06g/sq.ft.


Polygon   2
At time =      12.00, total mass in vadose zone =    0.12897    g/sq.ft.
Mass in gas phase     =      0.56014E-02g/sq.ft.
Mass in liquid phase  =      0.78893E-02g/sq.ft.
Mass sorbed           =      0.11548    g/sq.ft.

Since last printout at time =      11.50
               Change in Total Mass =    -0.31565E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24705E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.59613E-03g/sq.ft.
                    Diffusion in from water table =    -0.23133E-02g/sq.ft.
               Total inflow at boundaries =    -0.31564E-02g/sq.ft.
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               Mass discrepancy =    -0.59081E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.12563    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11806E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14241E-01g/sq.ft.
                    Diffusion in from water table =    -0.99587E-01g/sq.ft.
               Total inflow at boundaries =    -0.12563    g/sq.ft.
               Mass discrepancy =    -0.19837E-06g/sq.ft.


Polygon   2
At time =      12.50, total mass in vadose zone =    0.12590    g/sq.ft.
Mass in gas phase     =      0.54684E-02g/sq.ft.
Mass in liquid phase  =      0.77020E-02g/sq.ft.
Mass sorbed           =      0.11273    g/sq.ft.

Since last printout at time =      12.00
               Change in Total Mass =    -0.30620E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23733E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60008E-03g/sq.ft.
                    Diffusion in from water table =    -0.22246E-02g/sq.ft.
               Total inflow at boundaries =    -0.30620E-02g/sq.ft.
               Mass discrepancy =    -0.29395E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.12870    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12043E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14841E-01g/sq.ft.
                    Diffusion in from water table =    -0.10181    g/sq.ft.
               Total inflow at boundaries =    -0.12870    g/sq.ft.
               Mass discrepancy =    -0.20862E-06g/sq.ft.


Polygon   2
At time =      13.00, total mass in vadose zone =    0.12293    g/sq.ft.
Mass in gas phase     =      0.53393E-02g/sq.ft.
Mass in liquid phase  =      0.75202E-02g/sq.ft.
Mass sorbed           =      0.11007    g/sq.ft.

Since last printout at time =      12.50
               Change in Total Mass =    -0.29717E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22809E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60316E-03g/sq.ft.
                    Diffusion in from water table =    -0.21404E-02g/sq.ft.
               Total inflow at boundaries =    -0.29717E-02g/sq.ft.
               Mass discrepancy =    -0.75233E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.13167    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12271E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.15444E-01g/sq.ft.
                    Diffusion in from water table =    -0.10395    g/sq.ft.
               Total inflow at boundaries =    -0.13167    g/sq.ft.
               Mass discrepancy =    -0.22724E-06g/sq.ft.
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Polygon   2
At time =      13.50, total mass in vadose zone =    0.12005    g/sq.ft.
Mass in gas phase     =      0.52140E-02g/sq.ft.
Mass in liquid phase  =      0.73437E-02g/sq.ft.
Mass sorbed           =      0.10749    g/sq.ft.

Since last printout at time =      13.00
               Change in Total Mass =    -0.28853E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21933E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60539E-03g/sq.ft.
                    Diffusion in from water table =    -0.20605E-02g/sq.ft.
               Total inflow at boundaries =    -0.28852E-02g/sq.ft.
               Mass discrepancy =    -0.10972E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.13455    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12490E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16049E-01g/sq.ft.
                    Diffusion in from water table =    -0.10601    g/sq.ft.
               Total inflow at boundaries =    -0.13455    g/sq.ft.
               Mass discrepancy =    -0.24401E-06g/sq.ft.


Polygon   2
At time =      14.00, total mass in vadose zone =    0.11724    g/sq.ft.
Mass in gas phase     =      0.50923E-02g/sq.ft.
Mass in liquid phase  =      0.71722E-02g/sq.ft.
Mass sorbed           =      0.10498    g/sq.ft.

Since last printout at time =      13.50
               Change in Total Mass =    -0.28025E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21101E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60679E-03g/sq.ft.
                    Diffusion in from water table =    -0.19847E-02g/sq.ft.
               Total inflow at boundaries =    -0.28025E-02g/sq.ft.
               Mass discrepancy =     0.11059E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.13735    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12701E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16656E-01g/sq.ft.
                    Diffusion in from water table =    -0.10800    g/sq.ft.
               Total inflow at boundaries =    -0.13735    g/sq.ft.
               Mass discrepancy =    -0.24121E-06g/sq.ft.


Polygon   2
At time =      14.50, total mass in vadose zone =    0.11452    g/sq.ft.
Mass in gas phase     =      0.49740E-02g/sq.ft.
Mass in liquid phase  =      0.70057E-02g/sq.ft.
Mass sorbed           =      0.10254    g/sq.ft.

Since last printout at time =      14.00
               Change in Total Mass =    -0.27232E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20311E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60739E-03g/sq.ft.
                    Diffusion in from water table =    -0.19127E-02g/sq.ft.
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               Total inflow at boundaries =    -0.27231E-02g/sq.ft.
               Mass discrepancy =    -0.74360E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14008    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12904E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.17263E-01g/sq.ft.
                    Diffusion in from water table =    -0.10991    g/sq.ft.
               Total inflow at boundaries =    -0.14008    g/sq.ft.
               Mass discrepancy =    -0.25984E-06g/sq.ft.


Polygon   2
At time =      15.00, total mass in vadose zone =    0.11187    g/sq.ft.
Mass in gas phase     =      0.48590E-02g/sq.ft.
Mass in liquid phase  =      0.68437E-02g/sq.ft.
Mass sorbed           =      0.10017    g/sq.ft.

Since last printout at time =      14.50
               Change in Total Mass =    -0.26471E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19561E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60722E-03g/sq.ft.
                    Diffusion in from water table =    -0.18442E-02g/sq.ft.
               Total inflow at boundaries =    -0.26471E-02g/sq.ft.
               Mass discrepancy =     0.15134E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14273    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13100E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.17871E-01g/sq.ft.
                    Diffusion in from water table =    -0.11175    g/sq.ft.
               Total inflow at boundaries =    -0.14272    g/sq.ft.
               Mass discrepancy =    -0.26263E-06g/sq.ft.


Polygon   2
At time =      15.50, total mass in vadose zone =    0.10930    g/sq.ft.
Mass in gas phase     =      0.47472E-02g/sq.ft.
Mass in liquid phase  =      0.66863E-02g/sq.ft.
Mass sorbed           =      0.97867E-01g/sq.ft.

Since last printout at time =      15.00
               Change in Total Mass =    -0.25741E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18849E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60634E-03g/sq.ft.
                    Diffusion in from water table =    -0.17792E-02g/sq.ft.
               Total inflow at boundaries =    -0.25741E-02g/sq.ft.
               Mass discrepancy =    -0.16575E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14530    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13289E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.18477E-01g/sq.ft.
                    Diffusion in from water table =    -0.11353    g/sq.ft.
               Total inflow at boundaries =    -0.14530    g/sq.ft.
               Mass discrepancy =    -0.27101E-06g/sq.ft.
```

```
Polygon   2
At time =      16.00, total mass in vadose zone =    0.10680    g/sq.ft.
Mass in gas phase     =      0.46385E-02g/sq.ft.
Mass in liquid phase  =      0.65331E-02g/sq.ft.
Mass sorbed           =      0.95625E-01g/sq.ft.

Since last printout at time =      15.50
               Change in Total Mass =    -0.25039E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18172E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60477E-03g/sq.ft.
                    Diffusion in from water table =    -0.17174E-02g/sq.ft.
               Total inflow at boundaries =    -0.25039E-02g/sq.ft.
               Mass discrepancy =     0.12078E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14780    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13470E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.19082E-01g/sq.ft.
                    Diffusion in from water table =    -0.11525    g/sq.ft.
               Total inflow at boundaries =    -0.14780    g/sq.ft.
               Mass discrepancy =    -0.26915E-06g/sq.ft.


Polygon   2
At time =      16.50, total mass in vadose zone =    0.10436    g/sq.ft.
Mass in gas phase     =      0.45327E-02g/sq.ft.
Mass in liquid phase  =      0.63840E-02g/sq.ft.
Mass sorbed           =      0.93443E-01g/sq.ft.

Since last printout at time =      16.00
               Change in Total Mass =    -0.24365E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17529E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.60257E-03g/sq.ft.
                    Diffusion in from water table =    -0.16586E-02g/sq.ft.
               Total inflow at boundaries =    -0.24365E-02g/sq.ft.
               Mass discrepancy =     0.87311E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15024    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13646E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.19684E-01g/sq.ft.
                    Diffusion in from water table =    -0.11691    g/sq.ft.
               Total inflow at boundaries =    -0.15024    g/sq.ft.
               Mass discrepancy =    -0.26450E-06g/sq.ft.


Polygon   2
At time =      17.00, total mass in vadose zone =    0.10199    g/sq.ft.
Mass in gas phase     =      0.44297E-02g/sq.ft.
Mass in liquid phase  =      0.62390E-02g/sq.ft.
Mass sorbed           =      0.91320E-01g/sq.ft.

Since last printout at time =      16.50
               Change in Total Mass =    -0.23717E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16918E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.59976E-03g/sq.ft.
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                    Diffusion in from water table =    -0.16027E-02g/sq.ft.
               Total inflow at boundaries =    -0.23716E-02g/sq.ft.
               Mass discrepancy =    -0.13009E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15261    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13815E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20284E-01g/sq.ft.
                    Diffusion in from water table =    -0.11851    g/sq.ft.
               Total inflow at boundaries =    -0.15261    g/sq.ft.
               Mass discrepancy =    -0.27195E-06g/sq.ft.


Polygon   2
At time =      17.50, total mass in vadose zone =    0.99679E-01g/sq.ft.
Mass in gas phase     =      0.43294E-02g/sq.ft.
Mass in liquid phase  =      0.60977E-02g/sq.ft.
Mass sorbed           =      0.89252E-01g/sq.ft.

Since last printout at time =      17.00
               Change in Total Mass =    -0.23092E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16337E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.59641E-03g/sq.ft.
                    Diffusion in from water table =    -0.15494E-02g/sq.ft.
               Total inflow at boundaries =    -0.23092E-02g/sq.ft.
               Mass discrepancy =    -0.17462E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15492    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13978E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20881E-01g/sq.ft.
                    Diffusion in from water table =    -0.12006    g/sq.ft.
               Total inflow at boundaries =    -0.15492    g/sq.ft.
               Mass discrepancy =    -0.27008E-06g/sq.ft.


Polygon   2
At time =      18.00, total mass in vadose zone =    0.97430E-01g/sq.ft.
Mass in gas phase     =      0.42317E-02g/sq.ft.
Mass in liquid phase  =      0.59601E-02g/sq.ft.
Mass sorbed           =      0.87238E-01g/sq.ft.

Since last printout at time =      17.50
               Change in Total Mass =    -0.22491E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15784E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.59254E-03g/sq.ft.
                    Diffusion in from water table =    -0.14987E-02g/sq.ft.
               Total inflow at boundaries =    -0.22490E-02g/sq.ft.
               Mass discrepancy =    -0.12107E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15717    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14136E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.21473E-01g/sq.ft.
                    Diffusion in from water table =    -0.12156    g/sq.ft.
               Total inflow at boundaries =    -0.15717    g/sq.ft.
               Mass discrepancy =    -0.28033E-06g/sq.ft.
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Polygon   2
At time =      18.50, total mass in vadose zone =    0.95239E-01g/sq.ft.
Mass in gas phase     =      0.41365E-02g/sq.ft.
Mass in liquid phase  =      0.58261E-02g/sq.ft.
Mass sorbed           =      0.85277E-01g/sq.ft.

Since last printout at time =      18.00
               Change in Total Mass =    -0.21911E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15257E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.58820E-03g/sq.ft.
                    Diffusion in from water table =    -0.14503E-02g/sq.ft.
               Total inflow at boundaries =    -0.21911E-02g/sq.ft.
               Mass discrepancy =    -0.10157E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15936    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14289E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.22061E-01g/sq.ft.
                    Diffusion in from water table =    -0.12301    g/sq.ft.
               Total inflow at boundaries =    -0.15936    g/sq.ft.
               Mass discrepancy =    -0.27847E-06g/sq.ft.


Polygon   2
At time =      19.00, total mass in vadose zone =    0.93104E-01g/sq.ft.
Mass in gas phase     =      0.40438E-02g/sq.ft.
Mass in liquid phase  =      0.56955E-02g/sq.ft.
Mass sorbed           =      0.83365E-01g/sq.ft.

Since last printout at time =      18.50
               Change in Total Mass =    -0.21351E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14755E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.58343E-03g/sq.ft.
                    Diffusion in from water table =    -0.14041E-02g/sq.ft.
               Total inflow at boundaries =    -0.21351E-02g/sq.ft.
               Mass discrepancy =    -0.66211E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16150    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14436E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.22645E-01g/sq.ft.
                    Diffusion in from water table =    -0.12441    g/sq.ft.
               Total inflow at boundaries =    -0.16150    g/sq.ft.
               Mass discrepancy =    -0.28405E-06g/sq.ft.


Polygon   2
At time =      19.50, total mass in vadose zone =    0.91023E-01g/sq.ft.
Mass in gas phase     =      0.39534E-02g/sq.ft.
Mass in liquid phase  =      0.55682E-02g/sq.ft.
Mass sorbed           =      0.81501E-01g/sq.ft.

Since last printout at time =      19.00
               Change in Total Mass =    -0.20811E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14277E-03g/sq.ft.
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                    Diffusion in from atmosphere =     -0.57827E-03g/sq.ft.
                    Diffusion in from water table =    -0.13601E-02g/sq.ft.
               Total inflow at boundaries =    -0.20811E-02g/sq.ft.
               Mass discrepancy =     0.88039E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16358    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14579E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23223E-01g/sq.ft.
                    Diffusion in from water table =    -0.12577    g/sq.ft.
               Total inflow at boundaries =    -0.16358    g/sq.ft.
               Mass discrepancy =    -0.27474E-06g/sq.ft.


Polygon   2
At time =      20.00, total mass in vadose zone =    0.88994E-01g/sq.ft.
Mass in gas phase     =      0.38653E-02g/sq.ft.
Mass in liquid phase  =      0.54440E-02g/sq.ft.
Mass sorbed           =      0.79685E-01g/sq.ft.

Since last printout at time =      19.50
               Change in Total Mass =    -0.20289E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13821E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.57274E-03g/sq.ft.
                    Diffusion in from water table =    -0.13180E-02g/sq.ft.
               Total inflow at boundaries =    -0.20289E-02g/sq.ft.
               Mass discrepancy =    -0.56170E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16561    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14717E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23796E-01g/sq.ft.
                    Diffusion in from water table =    -0.12709    g/sq.ft.
               Total inflow at boundaries =    -0.16561    g/sq.ft.
               Mass discrepancy =    -0.27381E-06g/sq.ft.


Polygon   2
At time =      20.50, total mass in vadose zone =    0.87016E-01g/sq.ft.
Mass in gas phase     =      0.37793E-02g/sq.ft.
Mass in liquid phase  =      0.53230E-02g/sq.ft.
Mass sorbed           =      0.77913E-01g/sq.ft.

Since last printout at time =      20.00
               Change in Total Mass =    -0.19785E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13386E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.56690E-03g/sq.ft.
                    Diffusion in from water table =    -0.12777E-02g/sq.ft.
               Total inflow at boundaries =    -0.19785E-02g/sq.ft.
               Mass discrepancy =    -0.26339E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16758    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14851E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24363E-01g/sq.ft.
                    Diffusion in from water table =    -0.12837    g/sq.ft.
               Total inflow at boundaries =    -0.16758    g/sq.ft.
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               Mass discrepancy =    -0.29895E-06g/sq.ft.


Polygon   2
At time =      21.00, total mass in vadose zone =    0.85086E-01g/sq.ft.
Mass in gas phase     =      0.36955E-02g/sq.ft.
Mass in liquid phase  =      0.52050E-02g/sq.ft.
Mass sorbed           =      0.76185E-01g/sq.ft.

Since last printout at time =      20.50
               Change in Total Mass =    -0.19297E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12970E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.56076E-03g/sq.ft.
                    Diffusion in from water table =    -0.12392E-02g/sq.ft.
               Total inflow at boundaries =    -0.19297E-02g/sq.ft.
               Mass discrepancy =    -0.31141E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16951    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14981E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24923E-01g/sq.ft.
                    Diffusion in from water table =    -0.12961    g/sq.ft.
               Total inflow at boundaries =    -0.16951    g/sq.ft.
               Mass discrepancy =    -0.30734E-06g/sq.ft.


Polygon   2
At time =      21.50, total mass in vadose zone =    0.83203E-01g/sq.ft.
Mass in gas phase     =      0.36138E-02g/sq.ft.
Mass in liquid phase  =      0.50898E-02g/sq.ft.
Mass sorbed           =      0.74500E-01g/sq.ft.

Since last printout at time =      21.00
               Change in Total Mass =    -0.18824E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12572E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.55436E-03g/sq.ft.
                    Diffusion in from water table =    -0.12024E-02g/sq.ft.
               Total inflow at boundaries =    -0.18824E-02g/sq.ft.
               Mass discrepancy =    -0.72905E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17140    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15106E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25478E-01g/sq.ft.
                    Diffusion in from water table =    -0.13081    g/sq.ft.
               Total inflow at boundaries =    -0.17140    g/sq.ft.
               Mass discrepancy =    -0.32689E-06g/sq.ft.


Polygon   2
At time =      22.00, total mass in vadose zone =    0.81367E-01g/sq.ft.
Mass in gas phase     =      0.35340E-02g/sq.ft.
Mass in liquid phase  =      0.49775E-02g/sq.ft.
Mass sorbed           =      0.72855E-01g/sq.ft.

Since last printout at time =      21.50
               Change in Total Mass =    -0.18367E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.12192E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.54773E-03g/sq.ft.
                    Diffusion in from water table =    -0.11671E-02g/sq.ft.
               Total inflow at boundaries =    -0.18367E-02g/sq.ft.
               Mass discrepancy =    -0.16371E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17323    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15228E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26025E-01g/sq.ft.
                    Diffusion in from water table =    -0.13198    g/sq.ft.
               Total inflow at boundaries =    -0.17323    g/sq.ft.
               Mass discrepancy =    -0.33807E-06g/sq.ft.


Polygon   2
At time =      22.50, total mass in vadose zone =    0.79574E-01g/sq.ft.
Mass in gas phase     =      0.34561E-02g/sq.ft.
Mass in liquid phase  =      0.48678E-02g/sq.ft.
Mass sorbed           =      0.71250E-01g/sq.ft.

Since last printout at time =      22.00
               Change in Total Mass =    -0.17924E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11828E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.54090E-03g/sq.ft.
                    Diffusion in from water table =    -0.11332E-02g/sq.ft.
               Total inflow at boundaries =    -0.17924E-02g/sq.ft.
               Mass discrepancy =    -0.57698E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17503    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15347E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26566E-01g/sq.ft.
                    Diffusion in from water table =    -0.13311    g/sq.ft.
               Total inflow at boundaries =    -0.17503    g/sq.ft.
               Mass discrepancy =    -0.36508E-06g/sq.ft.


Polygon   2
At time =      23.00, total mass in vadose zone =    0.77825E-01g/sq.ft.
Mass in gas phase     =      0.33802E-02g/sq.ft.
Mass in liquid phase  =      0.47608E-02g/sq.ft.
Mass sorbed           =      0.69684E-01g/sq.ft.

Since last printout at time =      22.50
               Change in Total Mass =    -0.17494E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11480E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.53390E-03g/sq.ft.
                    Diffusion in from water table =    -0.11007E-02g/sq.ft.
               Total inflow at boundaries =    -0.17494E-02g/sq.ft.
               Mass discrepancy =    -0.36962E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17677    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15461E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27100E-01g/sq.ft.
                    Diffusion in from water table =    -0.13421    g/sq.ft.
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               Total inflow at boundaries =    -0.17677    g/sq.ft.
               Mass discrepancy =    -0.36228E-06g/sq.ft.


Polygon   2
At time =      23.50, total mass in vadose zone =    0.76117E-01g/sq.ft.
Mass in gas phase     =      0.33060E-02g/sq.ft.
Mass in liquid phase  =      0.46563E-02g/sq.ft.
Mass sorbed           =      0.68155E-01g/sq.ft.

Since last printout at time =      23.00
               Change in Total Mass =    -0.17078E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11145E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.52674E-03g/sq.ft.
                    Diffusion in from water table =    -0.10696E-02g/sq.ft.
               Total inflow at boundaries =    -0.17078E-02g/sq.ft.
               Mass discrepancy =     0.16444E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17848    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15573E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27627E-01g/sq.ft.
                    Diffusion in from water table =    -0.13528    g/sq.ft.
               Total inflow at boundaries =    -0.17848    g/sq.ft.
               Mass discrepancy =    -0.35018E-06g/sq.ft.


Polygon   2
At time =      24.00, total mass in vadose zone =    0.74450E-01g/sq.ft.
Mass in gas phase     =      0.32336E-02g/sq.ft.
Mass in liquid phase  =      0.45543E-02g/sq.ft.
Mass sorbed           =      0.66662E-01g/sq.ft.

Since last printout at time =      23.50
               Change in Total Mass =    -0.16673E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10825E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.51945E-03g/sq.ft.
                    Diffusion in from water table =    -0.10396E-02g/sq.ft.
               Total inflow at boundaries =    -0.16673E-02g/sq.ft.
               Mass discrepancy =     0.47148E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18015    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15681E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28146E-01g/sq.ft.
                    Diffusion in from water table =    -0.13632    g/sq.ft.
               Total inflow at boundaries =    -0.18015    g/sq.ft.
               Mass discrepancy =    -0.35204E-06g/sq.ft.


Polygon   2
At time =      24.50, total mass in vadose zone =    0.72822E-01g/sq.ft.
Mass in gas phase     =      0.31629E-02g/sq.ft.
Mass in liquid phase  =      0.44547E-02g/sq.ft.
Mass sorbed           =      0.65204E-01g/sq.ft.

Since last printout at time =      24.00
               Change in Total Mass =    -0.16281E-02g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10518E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.51205E-03g/sq.ft.
                    Diffusion in from water table =    -0.10109E-02g/sq.ft.
               Total inflow at boundaries =    -0.16281E-02g/sq.ft.
               Mass discrepancy =    -0.42273E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18178    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15786E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28658E-01g/sq.ft.
                    Diffusion in from water table =    -0.13733    g/sq.ft.
               Total inflow at boundaries =    -0.18178    g/sq.ft.
               Mass discrepancy =    -0.37998E-06g/sq.ft.


Polygon   2
At time =      25.00, total mass in vadose zone =    0.71232E-01g/sq.ft.
Mass in gas phase     =      0.30938E-02g/sq.ft.
Mass in liquid phase  =      0.43575E-02g/sq.ft.
Mass sorbed           =      0.63780E-01g/sq.ft.

Since last printout at time =      24.50
               Change in Total Mass =    -0.15900E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10222E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.50456E-03g/sq.ft.
                    Diffusion in from water table =    -0.98319E-03g/sq.ft.
               Total inflow at boundaries =    -0.15900E-02g/sq.ft.
               Mass discrepancy =    -0.11933E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18337    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15888E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29163E-01g/sq.ft.
                    Diffusion in from water table =    -0.13832    g/sq.ft.
               Total inflow at boundaries =    -0.18337    g/sq.ft.
               Mass discrepancy =    -0.37625E-06g/sq.ft.


Polygon   2
At time =      25.50, total mass in vadose zone =    0.69679E-01g/sq.ft.
Mass in gas phase     =      0.30264E-02g/sq.ft.
Mass in liquid phase  =      0.42625E-02g/sq.ft.
Mass sorbed           =      0.62390E-01g/sq.ft.

Since last printout at time =      25.00
               Change in Total Mass =    -0.15529E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99385E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.49699E-03g/sq.ft.
                    Diffusion in from water table =    -0.95655E-03g/sq.ft.
               Total inflow at boundaries =    -0.15529E-02g/sq.ft.
               Mass discrepancy =     0.34270E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18492    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15988E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29660E-01g/sq.ft.
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                    Diffusion in from water table =    -0.13927    g/sq.ft.
               Total inflow at boundaries =    -0.18492    g/sq.ft.
               Mass discrepancy =    -0.37625E-06g/sq.ft.


Polygon   2
At time =      26.00, total mass in vadose zone =    0.68162E-01g/sq.ft.
Mass in gas phase     =      0.29605E-02g/sq.ft.
Mass in liquid phase  =      0.41697E-02g/sq.ft.
Mass sorbed           =      0.61032E-01g/sq.ft.

Since last printout at time =      25.50
               Change in Total Mass =    -0.15169E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96655E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.48938E-03g/sq.ft.
                    Diffusion in from water table =    -0.93089E-03g/sq.ft.
               Total inflow at boundaries =    -0.15169E-02g/sq.ft.
               Mass discrepancy =    -0.12842E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18644    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16084E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30149E-01g/sq.ft.
                    Diffusion in from water table =    -0.14020    g/sq.ft.
               Total inflow at boundaries =    -0.18644    g/sq.ft.
               Mass discrepancy =    -0.40233E-06g/sq.ft.


Polygon   2
At time =      26.50, total mass in vadose zone =    0.66680E-01g/sq.ft.
Mass in gas phase     =      0.28961E-02g/sq.ft.
Mass in liquid phase  =      0.40790E-02g/sq.ft.
Mass sorbed           =      0.59705E-01g/sq.ft.

Since last printout at time =      26.00
               Change in Total Mass =    -0.14819E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94029E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.48172E-03g/sq.ft.
                    Diffusion in from water table =    -0.90617E-03g/sq.ft.
               Total inflow at boundaries =    -0.14819E-02g/sq.ft.
               Mass discrepancy =     0.52751E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18792    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16179E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30631E-01g/sq.ft.
                    Diffusion in from water table =    -0.14111    g/sq.ft.
               Total inflow at boundaries =    -0.18792    g/sq.ft.
               Mass discrepancy =    -0.41164E-06g/sq.ft.


Polygon   2
At time =      27.00, total mass in vadose zone =    0.65232E-01g/sq.ft.
Mass in gas phase     =      0.28332E-02g/sq.ft.
Mass in liquid phase  =      0.39905E-02g/sq.ft.
Mass sorbed           =      0.58408E-01g/sq.ft.

Since last printout at time =      26.50
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```
               Change in Total Mass =    -0.14479E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91500E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.47404E-03g/sq.ft.
                    Diffusion in from water table =    -0.88233E-03g/sq.ft.
               Total inflow at boundaries =    -0.14479E-02g/sq.ft.
               Mass discrepancy =    -0.39945E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18937    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16270E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31105E-01g/sq.ft.
                    Diffusion in from water table =    -0.14199    g/sq.ft.
               Total inflow at boundaries =    -0.18937    g/sq.ft.
               Mass discrepancy =    -0.43400E-06g/sq.ft.


Polygon   2
At time =      27.50, total mass in vadose zone =    0.63817E-01g/sq.ft.
Mass in gas phase     =      0.27718E-02g/sq.ft.
Mass in liquid phase  =      0.39039E-02g/sq.ft.
Mass sorbed           =      0.57142E-01g/sq.ft.

Since last printout at time =      27.00
               Change in Total Mass =    -0.14147E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89063E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.46634E-03g/sq.ft.
                    Diffusion in from water table =    -0.85933E-03g/sq.ft.
               Total inflow at boundaries =    -0.14147E-02g/sq.ft.
               Mass discrepancy =    -0.31650E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19078    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16359E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31572E-01g/sq.ft.
                    Diffusion in from water table =    -0.14285    g/sq.ft.
               Total inflow at boundaries =    -0.19078    g/sq.ft.
               Mass discrepancy =    -0.44517E-06g/sq.ft.


Polygon   2
At time =      28.00, total mass in vadose zone =    0.62435E-01g/sq.ft.
Mass in gas phase     =      0.27117E-02g/sq.ft.
Mass in liquid phase  =      0.38193E-02g/sq.ft.
Mass sorbed           =      0.55904E-01g/sq.ft.

Since last printout at time =      27.50
               Change in Total Mass =    -0.13825E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86714E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.45864E-03g/sq.ft.
                    Diffusion in from water table =    -0.83713E-03g/sq.ft.
               Total inflow at boundaries =    -0.13825E-02g/sq.ft.
               Mass discrepancy =    -0.85274E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19216    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16446E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.32030E-01g/sq.ft.
                    Diffusion in from water table =    -0.14369    g/sq.ft.
               Total inflow at boundaries =    -0.19216    g/sq.ft.
               Mass discrepancy =    -0.46566E-06g/sq.ft.


Polygon   2
At time =      28.50, total mass in vadose zone =    0.61084E-01g/sq.ft.
Mass in gas phase     =      0.26530E-02g/sq.ft.
Mass in liquid phase  =      0.37367E-02g/sq.ft.
Mass sorbed           =      0.54694E-01g/sq.ft.

Since last printout at time =      28.00
               Change in Total Mass =    -0.13511E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.84447E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.45096E-03g/sq.ft.
                    Diffusion in from water table =    -0.81568E-03g/sq.ft.
               Total inflow at boundaries =    -0.13511E-02g/sq.ft.
               Mass discrepancy =     0.30268E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19352    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16530E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32481E-01g/sq.ft.
                    Diffusion in from water table =    -0.14450    g/sq.ft.
               Total inflow at boundaries =    -0.19352    g/sq.ft.
               Mass discrepancy =    -0.42096E-06g/sq.ft.


Polygon   2
At time =      29.00, total mass in vadose zone =    0.59763E-01g/sq.ft.
Mass in gas phase     =      0.25957E-02g/sq.ft.
Mass in liquid phase  =      0.36559E-02g/sq.ft.
Mass sorbed           =      0.53512E-01g/sq.ft.

Since last printout at time =      28.50
               Change in Total Mass =    -0.13205E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82260E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.44330E-03g/sq.ft.
                    Diffusion in from water table =    -0.79496E-03g/sq.ft.
               Total inflow at boundaries =    -0.13205E-02g/sq.ft.
               Mass discrepancy =    -0.35434E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19484    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16613E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32924E-01g/sq.ft.
                    Diffusion in from water table =    -0.14530    g/sq.ft.
               Total inflow at boundaries =    -0.19484    g/sq.ft.
               Mass discrepancy =    -0.40978E-06g/sq.ft.


Polygon   2
At time =      29.50, total mass in vadose zone =    0.58473E-01g/sq.ft.
Mass in gas phase     =      0.25396E-02g/sq.ft.
Mass in liquid phase  =      0.35769E-02g/sq.ft.
Mass sorbed           =      0.52356E-01g/sq.ft.
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```
Since last printout at time =      29.00
               Change in Total Mass =    -0.12907E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.80148E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.43566E-03g/sq.ft.
                    Diffusion in from water table =    -0.77492E-03g/sq.ft.
               Total inflow at boundaries =    -0.12907E-02g/sq.ft.
               Mass discrepancy =     0.22483E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19613    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16693E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33360E-01g/sq.ft.
                    Diffusion in from water table =    -0.14607    g/sq.ft.
               Total inflow at boundaries =    -0.19613    g/sq.ft.
               Mass discrepancy =    -0.42282E-06g/sq.ft.


Polygon   2
At time =      30.00, total mass in vadose zone =    0.57211E-01g/sq.ft.
Mass in gas phase     =      0.24848E-02g/sq.ft.
Mass in liquid phase  =      0.34998E-02g/sq.ft.
Mass sorbed           =      0.51226E-01g/sq.ft.

Since last printout at time =      29.50
               Change in Total Mass =    -0.12617E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.78107E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.42807E-03g/sq.ft.
                    Diffusion in from water table =    -0.75553E-03g/sq.ft.
               Total inflow at boundaries =    -0.12617E-02g/sq.ft.
               Mass discrepancy =    -0.32596E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19739    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16771E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33788E-01g/sq.ft.
                    Diffusion in from water table =    -0.14683    g/sq.ft.
               Total inflow at boundaries =    -0.19739    g/sq.ft.
               Mass discrepancy =    -0.42841E-06g/sq.ft.


Polygon   2
At time =      30.50, total mass in vadose zone =    0.55977E-01g/sq.ft.
Mass in gas phase     =      0.24313E-02g/sq.ft.
Mass in liquid phase  =      0.34243E-02g/sq.ft.
Mass sorbed           =      0.50122E-01g/sq.ft.

Since last printout at time =      30.00
               Change in Total Mass =    -0.12334E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76133E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.42052E-03g/sq.ft.
                    Diffusion in from water table =    -0.73677E-03g/sq.ft.
               Total inflow at boundaries =    -0.12334E-02g/sq.ft.
               Mass discrepancy =    -0.20518E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19862    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.16847E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34209E-01g/sq.ft.
                    Diffusion in from water table =    -0.14757    g/sq.ft.
               Total inflow at boundaries =    -0.19862    g/sq.ft.
               Mass discrepancy =    -0.44517E-06g/sq.ft.


Polygon   2
At time =      31.00, total mass in vadose zone =    0.54772E-01g/sq.ft.
Mass in gas phase     =      0.23789E-02g/sq.ft.
Mass in liquid phase  =      0.33505E-02g/sq.ft.
Mass sorbed           =      0.49042E-01g/sq.ft.

Since last printout at time =      30.50
               Change in Total Mass =    -0.12059E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.74225E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.41302E-03g/sq.ft.
                    Diffusion in from water table =    -0.71860E-03g/sq.ft.
               Total inflow at boundaries =    -0.12059E-02g/sq.ft.
               Mass discrepancy =    -0.40018E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19983    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16921E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34622E-01g/sq.ft.
                    Diffusion in from water table =    -0.14829    g/sq.ft.
               Total inflow at boundaries =    -0.19983    g/sq.ft.
               Mass discrepancy =    -0.45262E-06g/sq.ft.


Polygon   2
At time =      31.50, total mass in vadose zone =    0.53593E-01g/sq.ft.
Mass in gas phase     =      0.23277E-02g/sq.ft.
Mass in liquid phase  =      0.32784E-02g/sq.ft.
Mass sorbed           =      0.47986E-01g/sq.ft.

Since last printout at time =      31.00
               Change in Total Mass =    -0.11790E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.72378E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.40559E-03g/sq.ft.
                    Diffusion in from water table =    -0.70100E-03g/sq.ft.
               Total inflow at boundaries =    -0.11790E-02g/sq.ft.
               Mass discrepancy =     0.56025E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20101    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16993E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35027E-01g/sq.ft.
                    Diffusion in from water table =    -0.14899    g/sq.ft.
               Total inflow at boundaries =    -0.20101    g/sq.ft.
               Mass discrepancy =    -0.46007E-06g/sq.ft.


Polygon   2
At time =      32.00, total mass in vadose zone =    0.52440E-01g/sq.ft.
Mass in gas phase     =      0.22776E-02g/sq.ft.
Mass in liquid phase  =      0.32079E-02g/sq.ft.
Mass sorbed           =      0.46954E-01g/sq.ft.
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```
Since last printout at time =      31.50
               Change in Total Mass =    -0.11528E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.70590E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.39821E-03g/sq.ft.
                    Diffusion in from water table =    -0.68394E-03g/sq.ft.
               Total inflow at boundaries =    -0.11527E-02g/sq.ft.
               Mass discrepancy =    -0.29613E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20216    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17064E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35425E-01g/sq.ft.
                    Diffusion in from water table =    -0.14967    g/sq.ft.
               Total inflow at boundaries =    -0.20216    g/sq.ft.
               Mass discrepancy =    -0.47497E-06g/sq.ft.


Polygon   2
At time =      32.50, total mass in vadose zone =    0.51313E-01g/sq.ft.
Mass in gas phase     =      0.22287E-02g/sq.ft.
Mass in liquid phase  =      0.31390E-02g/sq.ft.
Mass sorbed           =      0.45945E-01g/sq.ft.

Since last printout at time =      32.00
               Change in Total Mass =    -0.11272E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68857E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.39091E-03g/sq.ft.
                    Diffusion in from water table =    -0.66740E-03g/sq.ft.
               Total inflow at boundaries =    -0.11272E-02g/sq.ft.
               Mass discrepancy =     0.93860E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20329    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17133E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35816E-01g/sq.ft.
                    Diffusion in from water table =    -0.15034    g/sq.ft.
               Total inflow at boundaries =    -0.20329    g/sq.ft.
               Mass discrepancy =    -0.48243E-06g/sq.ft.


Polygon   2
At time =      33.00, total mass in vadose zone =    0.50210E-01g/sq.ft.
Mass in gas phase     =      0.21808E-02g/sq.ft.
Mass in liquid phase  =      0.30715E-02g/sq.ft.
Mass sorbed           =      0.44958E-01g/sq.ft.

Since last printout at time =      32.50
               Change in Total Mass =    -0.11022E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67179E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.38368E-03g/sq.ft.
                    Diffusion in from water table =    -0.65136E-03g/sq.ft.
               Total inflow at boundaries =    -0.11022E-02g/sq.ft.
               Mass discrepancy =    -0.78580E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20439    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17200E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36200E-01g/sq.ft.
                    Diffusion in from water table =    -0.15099    g/sq.ft.
               Total inflow at boundaries =    -0.20439    g/sq.ft.
               Mass discrepancy =    -0.49174E-06g/sq.ft.


Polygon   2
At time =      33.50, total mass in vadose zone =    0.49133E-01g/sq.ft.
Mass in gas phase     =      0.21340E-02g/sq.ft.
Mass in liquid phase  =      0.30056E-02g/sq.ft.
Mass sorbed           =      0.43993E-01g/sq.ft.

Since last printout at time =      33.00
               Change in Total Mass =    -0.10779E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65551E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.37653E-03g/sq.ft.
                    Diffusion in from water table =    -0.63579E-03g/sq.ft.
               Total inflow at boundaries =    -0.10779E-02g/sq.ft.
               Mass discrepancy =     0.70722E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20547    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17266E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36577E-01g/sq.ft.
                    Diffusion in from water table =    -0.15162    g/sq.ft.
               Total inflow at boundaries =    -0.20547    g/sq.ft.
               Mass discrepancy =    -0.48801E-06g/sq.ft.


Polygon   2
At time =      34.00, total mass in vadose zone =    0.48078E-01g/sq.ft.
Mass in gas phase     =      0.20882E-02g/sq.ft.
Mass in liquid phase  =      0.29411E-02g/sq.ft.
Mass sorbed           =      0.43049E-01g/sq.ft.

Since last printout at time =      33.50
               Change in Total Mass =    -0.10541E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.63973E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.36947E-03g/sq.ft.
                    Diffusion in from water table =    -0.62068E-03g/sq.ft.
               Total inflow at boundaries =    -0.10541E-02g/sq.ft.
               Mass discrepancy =    -0.62646E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20652    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17330E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36946E-01g/sq.ft.
                    Diffusion in from water table =    -0.15225    g/sq.ft.
               Total inflow at boundaries =    -0.20652    g/sq.ft.
               Mass discrepancy =    -0.52713E-06g/sq.ft.


Polygon   2
At time =      34.50, total mass in vadose zone =    0.47047E-01g/sq.ft.
Mass in gas phase     =      0.20434E-02g/sq.ft.
Mass in liquid phase  =      0.28780E-02g/sq.ft.
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```
Mass sorbed           =      0.42126E-01g/sq.ft.

Since last printout at time =      34.00
               Change in Total Mass =    -0.10309E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.62442E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.36249E-03g/sq.ft.
                    Diffusion in from water table =    -0.60600E-03g/sq.ft.
               Total inflow at boundaries =    -0.10309E-02g/sq.ft.
               Mass discrepancy =    -0.23065E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20755    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17392E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37309E-01g/sq.ft.
                    Diffusion in from water table =    -0.15285    g/sq.ft.
               Total inflow at boundaries =    -0.20755    g/sq.ft.
               Mass discrepancy =    -0.51782E-06g/sq.ft.


Polygon   2
At time =      35.00, total mass in vadose zone =    0.46039E-01g/sq.ft.
Mass in gas phase     =      0.19996E-02g/sq.ft.
Mass in liquid phase  =      0.28164E-02g/sq.ft.
Mass sorbed           =      0.41223E-01g/sq.ft.

Since last printout at time =      34.50
               Change in Total Mass =    -0.10083E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.60955E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.35559E-03g/sq.ft.
                    Diffusion in from water table =    -0.59175E-03g/sq.ft.
               Total inflow at boundaries =    -0.10083E-02g/sq.ft.
               Mass discrepancy =    -0.53333E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20856    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17453E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37664E-01g/sq.ft.
                    Diffusion in from water table =    -0.15344    g/sq.ft.
               Total inflow at boundaries =    -0.20856    g/sq.ft.
               Mass discrepancy =    -0.51782E-06g/sq.ft.


Polygon   2
At time =      35.50, total mass in vadose zone =    0.45053E-01g/sq.ft.
Mass in gas phase     =      0.19568E-02g/sq.ft.
Mass in liquid phase  =      0.27560E-02g/sq.ft.
Mass sorbed           =      0.40340E-01g/sq.ft.

Since last printout at time =      35.00
               Change in Total Mass =    -0.98618E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59512E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.34879E-03g/sq.ft.
                    Diffusion in from water table =    -0.57789E-03g/sq.ft.
               Total inflow at boundaries =    -0.98619E-03g/sq.ft.
               Mass discrepancy =     0.58862E-08g/sq.ft.

Since beginning of run at time = 0.0
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```
               Change in Total Mass =    -0.20955    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17513E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38013E-01g/sq.ft.
                    Diffusion in from water table =    -0.15402    g/sq.ft.
               Total inflow at boundaries =    -0.20955    g/sq.ft.
               Mass discrepancy =    -0.52899E-06g/sq.ft.


Polygon   2
At time =      36.00, total mass in vadose zone =    0.44088E-01g/sq.ft.
Mass in gas phase     =      0.19149E-02g/sq.ft.
Mass in liquid phase  =      0.26970E-02g/sq.ft.
Mass sorbed           =      0.39476E-01g/sq.ft.

Since last printout at time =      35.50
               Change in Total Mass =    -0.96461E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.58110E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.34207E-03g/sq.ft.
                    Diffusion in from water table =    -0.56442E-03g/sq.ft.
               Total inflow at boundaries =    -0.96461E-03g/sq.ft.
               Mass discrepancy =    -0.28813E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21051    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17571E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38355E-01g/sq.ft.
                    Diffusion in from water table =    -0.15459    g/sq.ft.
               Total inflow at boundaries =    -0.21051    g/sq.ft.
               Mass discrepancy =    -0.54948E-06g/sq.ft.


Polygon   2
At time =      36.50, total mass in vadose zone =    0.43145E-01g/sq.ft.
Mass in gas phase     =      0.18739E-02g/sq.ft.
Mass in liquid phase  =      0.26393E-02g/sq.ft.
Mass sorbed           =      0.38632E-01g/sq.ft.

Since last printout at time =      36.00
               Change in Total Mass =    -0.94354E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56747E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.33546E-03g/sq.ft.
                    Diffusion in from water table =    -0.55133E-03g/sq.ft.
               Total inflow at boundaries =    -0.94353E-03g/sq.ft.
               Mass discrepancy =    -0.55406E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21145    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17627E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38690E-01g/sq.ft.
                    Diffusion in from water table =    -0.15514    g/sq.ft.
               Total inflow at boundaries =    -0.21145    g/sq.ft.
               Mass discrepancy =    -0.55321E-06g/sq.ft.


Polygon   2
At time =      37.00, total mass in vadose zone =    0.42222E-01g/sq.ft.
Mass in gas phase     =      0.18338E-02g/sq.ft.
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Mass in liquid phase  =      0.25828E-02g/sq.ft.
Mass sorbed           =      0.37805E-01g/sq.ft.

Since last printout at time =      36.50
               Change in Total Mass =    -0.92294E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55423E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.32893E-03g/sq.ft.
                    Diffusion in from water table =    -0.53859E-03g/sq.ft.
               Total inflow at boundaries =    -0.92295E-03g/sq.ft.
               Mass discrepancy =     0.24447E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21238    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17683E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39019E-01g/sq.ft.
                    Diffusion in from water table =    -0.15568    g/sq.ft.
               Total inflow at boundaries =    -0.21238    g/sq.ft.
               Mass discrepancy =    -0.55134E-06g/sq.ft.


Polygon   2
At time =      37.50, total mass in vadose zone =    0.41319E-01g/sq.ft.
Mass in gas phase     =      0.17946E-02g/sq.ft.
Mass in liquid phase  =      0.25276E-02g/sq.ft.
Mass sorbed           =      0.36997E-01g/sq.ft.

Since last printout at time =      37.00
               Change in Total Mass =    -0.90284E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.54136E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.32251E-03g/sq.ft.
                    Diffusion in from water table =    -0.52620E-03g/sq.ft.
               Total inflow at boundaries =    -0.90284E-03g/sq.ft.
               Mass discrepancy =    -0.37398E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21328    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17737E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39342E-01g/sq.ft.
                    Diffusion in from water table =    -0.15620    g/sq.ft.
               Total inflow at boundaries =    -0.21328    g/sq.ft.
               Mass discrepancy =    -0.56624E-06g/sq.ft.


Polygon   2
At time =      38.00, total mass in vadose zone =    0.40436E-01g/sq.ft.
Mass in gas phase     =      0.17562E-02g/sq.ft.
Mass in liquid phase  =      0.24736E-02g/sq.ft.
Mass sorbed           =      0.36206E-01g/sq.ft.

Since last printout at time =      37.50
               Change in Total Mass =    -0.88319E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52883E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31618E-03g/sq.ft.
                    Diffusion in from water table =    -0.51413E-03g/sq.ft.
               Total inflow at boundaries =    -0.88320E-03g/sq.ft.
               Mass discrepancy =     0.35834E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21416    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17790E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39658E-01g/sq.ft.
                    Diffusion in from water table =    -0.15672    g/sq.ft.
               Total inflow at boundaries =    -0.21416    g/sq.ft.
               Mass discrepancy =    -0.60908E-06g/sq.ft.


Polygon   2
At time =      38.50, total mass in vadose zone =    0.39572E-01g/sq.ft.
Mass in gas phase     =      0.17187E-02g/sq.ft.
Mass in liquid phase  =      0.24207E-02g/sq.ft.
Mass sorbed           =      0.35432E-01g/sq.ft.

Since last printout at time =      38.00
               Change in Total Mass =    -0.86400E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51665E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.30995E-03g/sq.ft.
                    Diffusion in from water table =    -0.50239E-03g/sq.ft.
               Total inflow at boundaries =    -0.86400E-03g/sq.ft.
               Mass discrepancy =     0.81855E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21503    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17842E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39968E-01g/sq.ft.
                    Diffusion in from water table =    -0.15722    g/sq.ft.
               Total inflow at boundaries =    -0.21503    g/sq.ft.
               Mass discrepancy =    -0.58860E-06g/sq.ft.


Polygon   2
At time =      39.00, total mass in vadose zone =    0.38727E-01g/sq.ft.
Mass in gas phase     =      0.16820E-02g/sq.ft.
Mass in liquid phase  =      0.23690E-02g/sq.ft.
Mass sorbed           =      0.34676E-01g/sq.ft.

Since last printout at time =      38.50
               Change in Total Mass =    -0.84525E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50480E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.30381E-03g/sq.ft.
                    Diffusion in from water table =    -0.49096E-03g/sq.ft.
               Total inflow at boundaries =    -0.84525E-03g/sq.ft.
               Mass discrepancy =    -0.20373E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21587    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17892E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40272E-01g/sq.ft.
                    Diffusion in from water table =    -0.15771    g/sq.ft.
               Total inflow at boundaries =    -0.21587    g/sq.ft.
               Mass discrepancy =    -0.60350E-06g/sq.ft.


Polygon   2
At time =      39.50, total mass in vadose zone =    0.37900E-01g/sq.ft.
```

```
Mass in gas phase     =      0.16461E-02g/sq.ft.
Mass in liquid phase  =      0.23184E-02g/sq.ft.
Mass sorbed           =      0.33935E-01g/sq.ft.

Since last printout at time =      39.00
               Change in Total Mass =    -0.82693E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49326E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.29778E-03g/sq.ft.
                    Diffusion in from water table =    -0.47982E-03g/sq.ft.
               Total inflow at boundaries =    -0.82693E-03g/sq.ft.
               Mass discrepancy =    -0.54170E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21670    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17941E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40570E-01g/sq.ft.
                    Diffusion in from water table =    -0.15819    g/sq.ft.
               Total inflow at boundaries =    -0.21670    g/sq.ft.
               Mass discrepancy =    -0.61840E-06g/sq.ft.


Polygon   2
At time =      40.00, total mass in vadose zone =    0.37091E-01g/sq.ft.
Mass in gas phase     =      0.16110E-02g/sq.ft.
Mass in liquid phase  =      0.22690E-02g/sq.ft.
Mass sorbed           =      0.33211E-01g/sq.ft.

Since last printout at time =      39.50
               Change in Total Mass =    -0.80902E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.48202E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.29184E-03g/sq.ft.
                    Diffusion in from water table =    -0.46897E-03g/sq.ft.
               Total inflow at boundaries =    -0.80902E-03g/sq.ft.
               Mass discrepancy =     0.18335E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21751    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17990E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40861E-01g/sq.ft.
                    Diffusion in from water table =    -0.15866    g/sq.ft.
               Total inflow at boundaries =    -0.21751    g/sq.ft.
               Mass discrepancy =    -0.61840E-06g/sq.ft.


Polygon   2
At time =      40.50, total mass in vadose zone =    0.36299E-01g/sq.ft.
Mass in gas phase     =      0.15766E-02g/sq.ft.
Mass in liquid phase  =      0.22205E-02g/sq.ft.
Mass sorbed           =      0.32502E-01g/sq.ft.

Since last printout at time =      40.00
               Change in Total Mass =    -0.79152E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47108E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28601E-03g/sq.ft.
                    Diffusion in from water table =    -0.45840E-03g/sq.ft.
               Total inflow at boundaries =    -0.79152E-03g/sq.ft.
               Mass discrepancy =    -0.23865E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21830    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18037E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.41147E-01g/sq.ft.
                    Diffusion in from water table =    -0.15912    g/sq.ft.
               Total inflow at boundaries =    -0.21830    g/sq.ft.
               Mass discrepancy =    -0.58301E-06g/sq.ft.


Polygon   2
At time =      41.00, total mass in vadose zone =    0.35525E-01g/sq.ft.
Mass in gas phase     =      0.15429E-02g/sq.ft.
Mass in liquid phase  =      0.21732E-02g/sq.ft.
Mass sorbed           =      0.31809E-01g/sq.ft.

Since last printout at time =      40.50
               Change in Total Mass =    -0.77441E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46042E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28027E-03g/sq.ft.
                    Diffusion in from water table =    -0.44810E-03g/sq.ft.
               Total inflow at boundaries =    -0.77441E-03g/sq.ft.
               Mass discrepancy =    -0.24593E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21908    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18083E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.41428E-01g/sq.ft.
                    Diffusion in from water table =    -0.15956    g/sq.ft.
               Total inflow at boundaries =    -0.21907    g/sq.ft.
               Mass discrepancy =    -0.59232E-06g/sq.ft.


Polygon   2
At time =      41.50, total mass in vadose zone =    0.34767E-01g/sq.ft.
Mass in gas phase     =      0.15100E-02g/sq.ft.
Mass in liquid phase  =      0.21268E-02g/sq.ft.
Mass sorbed           =      0.31130E-01g/sq.ft.

Since last printout at time =      41.00
               Change in Total Mass =    -0.75769E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45003E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.27463E-03g/sq.ft.
                    Diffusion in from water table =    -0.43806E-03g/sq.ft.
               Total inflow at boundaries =    -0.75769E-03g/sq.ft.
               Mass discrepancy =    -0.47912E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21983    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18128E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.41702E-01g/sq.ft.
                    Diffusion in from water table =    -0.16000    g/sq.ft.
               Total inflow at boundaries =    -0.21983    g/sq.ft.
               Mass discrepancy =    -0.60722E-06g/sq.ft.


Polygon   2
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```
At time =      42.00, total mass in vadose zone =    0.34026E-01g/sq.ft.
Mass in gas phase     =      0.14778E-02g/sq.ft.
Mass in liquid phase  =      0.20815E-02g/sq.ft.
Mass sorbed           =      0.30466E-01g/sq.ft.

Since last printout at time =      41.50
               Change in Total Mass =    -0.74134E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43991E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26909E-03g/sq.ft.
                    Diffusion in from water table =    -0.42826E-03g/sq.ft.
               Total inflow at boundaries =    -0.74134E-03g/sq.ft.
               Mass discrepancy =    -0.49477E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22057    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18172E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.41971E-01g/sq.ft.
                    Diffusion in from water table =    -0.16043    g/sq.ft.
               Total inflow at boundaries =    -0.22057    g/sq.ft.
               Mass discrepancy =    -0.61095E-06g/sq.ft.


Polygon   2
At time =      42.50, total mass in vadose zone =    0.33300E-01g/sq.ft.
Mass in gas phase     =      0.14463E-02g/sq.ft.
Mass in liquid phase  =      0.20371E-02g/sq.ft.
Mass sorbed           =      0.29817E-01g/sq.ft.

Since last printout at time =      42.00
               Change in Total Mass =    -0.72536E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43004E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26364E-03g/sq.ft.
                    Diffusion in from water table =    -0.41872E-03g/sq.ft.
               Total inflow at boundaries =    -0.72536E-03g/sq.ft.
               Mass discrepancy =     0.88403E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22130    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18215E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.42235E-01g/sq.ft.
                    Diffusion in from water table =    -0.16085    g/sq.ft.
               Total inflow at boundaries =    -0.22130    g/sq.ft.
               Mass discrepancy =    -0.60908E-06g/sq.ft.


Polygon   2
At time =      43.00, total mass in vadose zone =    0.32591E-01g/sq.ft.
Mass in gas phase     =      0.14155E-02g/sq.ft.
Mass in liquid phase  =      0.19937E-02g/sq.ft.
Mass sorbed           =      0.29181E-01g/sq.ft.

Since last printout at time =      42.50
               Change in Total Mass =    -0.70974E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42042E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25830E-03g/sq.ft.
                    Diffusion in from water table =    -0.40940E-03g/sq.ft.
               Total inflow at boundaries =    -0.70974E-03g/sq.ft.
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               Mass discrepancy =    -0.22701E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22201    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18257E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.42493E-01g/sq.ft.
                    Diffusion in from water table =    -0.16126    g/sq.ft.
               Total inflow at boundaries =    -0.22201    g/sq.ft.
               Mass discrepancy =    -0.61840E-06g/sq.ft.


Polygon   2
At time =      43.50, total mass in vadose zone =    0.31896E-01g/sq.ft.
Mass in gas phase     =      0.13853E-02g/sq.ft.
Mass in liquid phase  =      0.19512E-02g/sq.ft.
Mass sorbed           =      0.28560E-01g/sq.ft.

Since last printout at time =      43.00
               Change in Total Mass =    -0.69446E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41104E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25304E-03g/sq.ft.
                    Diffusion in from water table =    -0.40032E-03g/sq.ft.
               Total inflow at boundaries =    -0.69446E-03g/sq.ft.
               Mass discrepancy =    -0.24011E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22270    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18298E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.42746E-01g/sq.ft.
                    Diffusion in from water table =    -0.16166    g/sq.ft.
               Total inflow at boundaries =    -0.22270    g/sq.ft.
               Mass discrepancy =    -0.64634E-06g/sq.ft.


Polygon   2
At time =      44.00, total mass in vadose zone =    0.31217E-01g/sq.ft.
Mass in gas phase     =      0.13558E-02g/sq.ft.
Mass in liquid phase  =      0.19096E-02g/sq.ft.
Mass sorbed           =      0.27951E-01g/sq.ft.

Since last printout at time =      43.50
               Change in Total Mass =    -0.67953E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40189E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24789E-03g/sq.ft.
                    Diffusion in from water table =    -0.39145E-03g/sq.ft.
               Total inflow at boundaries =    -0.67953E-03g/sq.ft.
               Mass discrepancy =    -0.52132E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22338    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18338E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.42994E-01g/sq.ft.
                    Diffusion in from water table =    -0.16205    g/sq.ft.
               Total inflow at boundaries =    -0.22338    g/sq.ft.
               Mass discrepancy =    -0.63330E-06g/sq.ft.
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Polygon   2
At time =      44.50, total mass in vadose zone =    0.30552E-01g/sq.ft.
Mass in gas phase     =      0.13269E-02g/sq.ft.
Mass in liquid phase  =      0.18689E-02g/sq.ft.
Mass sorbed           =      0.27356E-01g/sq.ft.

Since last printout at time =      44.00
               Change in Total Mass =    -0.66492E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39297E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24283E-03g/sq.ft.
                    Diffusion in from water table =    -0.38280E-03g/sq.ft.
               Total inflow at boundaries =    -0.66492E-03g/sq.ft.
               Mass discrepancy =     0.22628E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22405    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18377E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.43237E-01g/sq.ft.
                    Diffusion in from water table =    -0.16243    g/sq.ft.
               Total inflow at boundaries =    -0.22405    g/sq.ft.
               Mass discrepancy =    -0.62585E-06g/sq.ft.


Polygon   2
At time =      45.00, total mass in vadose zone =    0.29901E-01g/sq.ft.
Mass in gas phase     =      0.12987E-02g/sq.ft.
Mass in liquid phase  =      0.18291E-02g/sq.ft.
Mass sorbed           =      0.26773E-01g/sq.ft.

Since last printout at time =      44.50
               Change in Total Mass =    -0.65064E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38426E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23786E-03g/sq.ft.
                    Diffusion in from water table =    -0.37436E-03g/sq.ft.
               Total inflow at boundaries =    -0.65064E-03g/sq.ft.
               Mass discrepancy =    -0.54206E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22470    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18416E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.43475E-01g/sq.ft.
                    Diffusion in from water table =    -0.16281    g/sq.ft.
               Total inflow at boundaries =    -0.22470    g/sq.ft.
               Mass discrepancy =    -0.62026E-06g/sq.ft.


Polygon   2
At time =      45.50, total mass in vadose zone =    0.29264E-01g/sq.ft.
Mass in gas phase     =      0.12710E-02g/sq.ft.
Mass in liquid phase  =      0.17902E-02g/sq.ft.
Mass sorbed           =      0.26203E-01g/sq.ft.

Since last printout at time =      45.00
               Change in Total Mass =    -0.63668E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37576E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23298E-03g/sq.ft.
                    Diffusion in from water table =    -0.36612E-03g/sq.ft.
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               Total inflow at boundaries =    -0.63668E-03g/sq.ft.
               Mass discrepancy =    -0.29322E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22534    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18453E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.43708E-01g/sq.ft.
                    Diffusion in from water table =    -0.16317    g/sq.ft.
               Total inflow at boundaries =    -0.22533    g/sq.ft.
               Mass discrepancy =    -0.62585E-06g/sq.ft.


Polygon   2
At time =      46.00, total mass in vadose zone =    0.28641E-01g/sq.ft.
Mass in gas phase     =      0.12440E-02g/sq.ft.
Mass in liquid phase  =      0.17521E-02g/sq.ft.
Mass sorbed           =      0.25645E-01g/sq.ft.

Since last printout at time =      45.50
               Change in Total Mass =    -0.62302E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36747E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22819E-03g/sq.ft.
                    Diffusion in from water table =    -0.35807E-03g/sq.ft.
               Total inflow at boundaries =    -0.62302E-03g/sq.ft.
               Mass discrepancy =    -0.12697E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22596    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18490E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.43936E-01g/sq.ft.
                    Diffusion in from water table =    -0.16353    g/sq.ft.
               Total inflow at boundaries =    -0.22596    g/sq.ft.
               Mass discrepancy =    -0.62957E-06g/sq.ft.


Polygon   2
At time =      46.50, total mass in vadose zone =    0.28032E-01g/sq.ft.
Mass in gas phase     =      0.12175E-02g/sq.ft.
Mass in liquid phase  =      0.17148E-02g/sq.ft.
Mass sorbed           =      0.25099E-01g/sq.ft.

Since last printout at time =      46.00
               Change in Total Mass =    -0.60966E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35938E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22350E-03g/sq.ft.
                    Diffusion in from water table =    -0.35022E-03g/sq.ft.
               Total inflow at boundaries =    -0.60966E-03g/sq.ft.
               Mass discrepancy =    -0.95679E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22657    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18526E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.44160E-01g/sq.ft.
                    Diffusion in from water table =    -0.16388    g/sq.ft.
               Total inflow at boundaries =    -0.22657    g/sq.ft.
               Mass discrepancy =    -0.62957E-06g/sq.ft.
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Polygon   2
At time =      47.00, total mass in vadose zone =    0.27435E-01g/sq.ft.
Mass in gas phase     =      0.11916E-02g/sq.ft.
Mass in liquid phase  =      0.16783E-02g/sq.ft.
Mass sorbed           =      0.24565E-01g/sq.ft.

Since last printout at time =      46.50
               Change in Total Mass =    -0.59659E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35148E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21889E-03g/sq.ft.
                    Diffusion in from water table =    -0.34255E-03g/sq.ft.
               Total inflow at boundaries =    -0.59659E-03g/sq.ft.
               Mass discrepancy =     0.61846E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22716    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18561E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.44379E-01g/sq.ft.
                    Diffusion in from water table =    -0.16422    g/sq.ft.
               Total inflow at boundaries =    -0.22716    g/sq.ft.
               Mass discrepancy =    -0.63702E-06g/sq.ft.


Polygon   2
At time =      47.50, total mass in vadose zone =    0.26851E-01g/sq.ft.
Mass in gas phase     =      0.11662E-02g/sq.ft.
Mass in liquid phase  =      0.16426E-02g/sq.ft.
Mass sorbed           =      0.24042E-01g/sq.ft.

Since last printout at time =      47.00
               Change in Total Mass =    -0.58382E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34376E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21438E-03g/sq.ft.
                    Diffusion in from water table =    -0.33506E-03g/sq.ft.
               Total inflow at boundaries =    -0.58381E-03g/sq.ft.
               Mass discrepancy =    -0.31578E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22775    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18596E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.44593E-01g/sq.ft.
                    Diffusion in from water table =    -0.16456    g/sq.ft.
               Total inflow at boundaries =    -0.22775    g/sq.ft.
               Mass discrepancy =    -0.63516E-06g/sq.ft.


Polygon   2
At time =      48.00, total mass in vadose zone =    0.26280E-01g/sq.ft.
Mass in gas phase     =      0.11414E-02g/sq.ft.
Mass in liquid phase  =      0.16076E-02g/sq.ft.
Mass sorbed           =      0.23531E-01g/sq.ft.

Since last printout at time =      47.50
               Change in Total Mass =    -0.57132E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33623E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20994E-03g/sq.ft.
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                    Diffusion in from water table =    -0.32775E-03g/sq.ft.
               Total inflow at boundaries =    -0.57131E-03g/sq.ft.
               Mass discrepancy =    -0.24920E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22832    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18629E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.44803E-01g/sq.ft.
                    Diffusion in from water table =    -0.16489    g/sq.ft.
               Total inflow at boundaries =    -0.22832    g/sq.ft.
               Mass discrepancy =    -0.63702E-06g/sq.ft.


Polygon   2
At time =      48.50, total mass in vadose zone =    0.25721E-01g/sq.ft.
Mass in gas phase     =      0.11171E-02g/sq.ft.
Mass in liquid phase  =      0.15734E-02g/sq.ft.
Mass sorbed           =      0.23030E-01g/sq.ft.

Since last printout at time =      48.00
               Change in Total Mass =    -0.55909E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32888E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20560E-03g/sq.ft.
                    Diffusion in from water table =    -0.32060E-03g/sq.ft.
               Total inflow at boundaries =    -0.55909E-03g/sq.ft.
               Mass discrepancy =     0.11350E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22888    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18662E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.45009E-01g/sq.ft.
                    Diffusion in from water table =    -0.16521    g/sq.ft.
               Total inflow at boundaries =    -0.22888    g/sq.ft.
               Mass discrepancy =    -0.63889E-06g/sq.ft.


Polygon   2
At time =      49.00, total mass in vadose zone =    0.25174E-01g/sq.ft.
Mass in gas phase     =      0.10934E-02g/sq.ft.
Mass in liquid phase  =      0.15400E-02g/sq.ft.
Mass sorbed           =      0.22540E-01g/sq.ft.

Since last printout at time =      48.50
               Change in Total Mass =    -0.54713E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32169E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20134E-03g/sq.ft.
                    Diffusion in from water table =    -0.31362E-03g/sq.ft.
               Total inflow at boundaries =    -0.54713E-03g/sq.ft.
               Mass discrepancy =    -0.53478E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22943    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18694E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.45210E-01g/sq.ft.
                    Diffusion in from water table =    -0.16552    g/sq.ft.
               Total inflow at boundaries =    -0.22943    g/sq.ft.
               Mass discrepancy =    -0.63144E-06g/sq.ft.
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Polygon   2
At time =      49.50, total mass in vadose zone =    0.24638E-01g/sq.ft.
Mass in gas phase     =      0.10701E-02g/sq.ft.
Mass in liquid phase  =      0.15072E-02g/sq.ft.
Mass sorbed           =      0.22061E-01g/sq.ft.

Since last printout at time =      49.00
               Change in Total Mass =    -0.53543E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31468E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19716E-03g/sq.ft.
                    Diffusion in from water table =    -0.30680E-03g/sq.ft.
               Total inflow at boundaries =    -0.53543E-03g/sq.ft.
               Mass discrepancy =    -0.42637E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22996    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18726E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.45407E-01g/sq.ft.
                    Diffusion in from water table =    -0.16583    g/sq.ft.
               Total inflow at boundaries =    -0.22996    g/sq.ft.
               Mass discrepancy =    -0.61654E-06g/sq.ft.


Polygon   2
At time =      50.00, total mass in vadose zone =    0.24114E-01g/sq.ft.
Mass in gas phase     =      0.10474E-02g/sq.ft.
Mass in liquid phase  =      0.14751E-02g/sq.ft.
Mass sorbed           =      0.21592E-01g/sq.ft.

Since last printout at time =      49.50
               Change in Total Mass =    -0.52398E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30782E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19306E-03g/sq.ft.
                    Diffusion in from water table =    -0.30014E-03g/sq.ft.
               Total inflow at boundaries =    -0.52398E-03g/sq.ft.
               Mass discrepancy =     0.24447E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23049    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18756E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.45600E-01g/sq.ft.
                    Diffusion in from water table =    -0.16613    g/sq.ft.
               Total inflow at boundaries =    -0.23048    g/sq.ft.
               Mass discrepancy =    -0.60908E-06g/sq.ft.


Polygon   2
At time =      50.50, total mass in vadose zone =    0.23602E-01g/sq.ft.
Mass in gas phase     =      0.10251E-02g/sq.ft.
Mass in liquid phase  =      0.14438E-02g/sq.ft.
Mass sorbed           =      0.21133E-01g/sq.ft.

Since last printout at time =      50.00
               Change in Total Mass =    -0.51279E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30113E-04g/sq.ft.
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                    Diffusion in from atmosphere =     -0.18905E-03g/sq.ft.
                    Diffusion in from water table =    -0.29362E-03g/sq.ft.
               Total inflow at boundaries =    -0.51279E-03g/sq.ft.
               Mass discrepancy =    -0.28940E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23100    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18787E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.45789E-01g/sq.ft.
                    Diffusion in from water table =    -0.16642    g/sq.ft.
               Total inflow at boundaries =    -0.23100    g/sq.ft.
               Mass discrepancy =    -0.61095E-06g/sq.ft.


Polygon   2
At time =      51.00, total mass in vadose zone =    0.23100E-01g/sq.ft.
Mass in gas phase     =      0.10033E-02g/sq.ft.
Mass in liquid phase  =      0.14131E-02g/sq.ft.
Mass sorbed           =      0.20683E-01g/sq.ft.

Since last printout at time =      50.50
               Change in Total Mass =    -0.50183E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29459E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18511E-03g/sq.ft.
                    Diffusion in from water table =    -0.28726E-03g/sq.ft.
               Total inflow at boundaries =    -0.50183E-03g/sq.ft.
               Mass discrepancy =     0.18754E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23150    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18816E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.45974E-01g/sq.ft.
                    Diffusion in from water table =    -0.16671    g/sq.ft.
               Total inflow at boundaries =    -0.23150    g/sq.ft.
               Mass discrepancy =    -0.60722E-06g/sq.ft.


Polygon   2
At time =      51.50, total mass in vadose zone =    0.22609E-01g/sq.ft.
Mass in gas phase     =      0.98196E-03g/sq.ft.
Mass in liquid phase  =      0.13830E-02g/sq.ft.
Mass sorbed           =      0.20244E-01g/sq.ft.

Since last printout at time =      51.00
               Change in Total Mass =    -0.49112E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28819E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18126E-03g/sq.ft.
                    Diffusion in from water table =    -0.28104E-03g/sq.ft.
               Total inflow at boundaries =    -0.49112E-03g/sq.ft.
               Mass discrepancy =    -0.17644E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23199    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18845E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.46155E-01g/sq.ft.
                    Diffusion in from water table =    -0.16699    g/sq.ft.
               Total inflow at boundaries =    -0.23199    g/sq.ft.
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               Mass discrepancy =    -0.58487E-06g/sq.ft.


Polygon   2
At time =      52.00, total mass in vadose zone =    0.22128E-01g/sq.ft.
Mass in gas phase     =      0.96108E-03g/sq.ft.
Mass in liquid phase  =      0.13536E-02g/sq.ft.
Mass sorbed           =      0.19813E-01g/sq.ft.

Since last printout at time =      51.50
               Change in Total Mass =    -0.48064E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28195E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17748E-03g/sq.ft.
                    Diffusion in from water table =    -0.27496E-03g/sq.ft.
               Total inflow at boundaries =    -0.48063E-03g/sq.ft.
               Mass discrepancy =    -0.24811E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23247    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18873E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.46333E-01g/sq.ft.
                    Diffusion in from water table =    -0.16727    g/sq.ft.
               Total inflow at boundaries =    -0.23247    g/sq.ft.
               Mass discrepancy =    -0.62771E-06g/sq.ft.


Polygon   2
At time =      52.50, total mass in vadose zone =    0.21658E-01g/sq.ft.
Mass in gas phase     =      0.94065E-03g/sq.ft.
Mass in liquid phase  =      0.13249E-02g/sq.ft.
Mass sorbed           =      0.19392E-01g/sq.ft.

Since last printout at time =      52.00
               Change in Total Mass =    -0.47038E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27584E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17377E-03g/sq.ft.
                    Diffusion in from water table =    -0.26902E-03g/sq.ft.
               Total inflow at boundaries =    -0.47038E-03g/sq.ft.
               Mass discrepancy =    -0.17608E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23294    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18901E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.46507E-01g/sq.ft.
                    Diffusion in from water table =    -0.16753    g/sq.ft.
               Total inflow at boundaries =    -0.23294    g/sq.ft.
               Mass discrepancy =    -0.64634E-06g/sq.ft.


Polygon   2
At time =      53.00, total mass in vadose zone =    0.21197E-01g/sq.ft.
Mass in gas phase     =      0.92066E-03g/sq.ft.
Mass in liquid phase  =      0.12967E-02g/sq.ft.
Mass sorbed           =      0.18980E-01g/sq.ft.

Since last printout at time =      52.50
               Change in Total Mass =    -0.46034E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.26987E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17014E-03g/sq.ft.
                    Diffusion in from water table =    -0.26322E-03g/sq.ft.
               Total inflow at boundaries =    -0.46034E-03g/sq.ft.
               Mass discrepancy =     0.26666E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23340    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18928E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.46677E-01g/sq.ft.
                    Diffusion in from water table =    -0.16780    g/sq.ft.
               Total inflow at boundaries =    -0.23340    g/sq.ft.
               Mass discrepancy =    -0.64261E-06g/sq.ft.


Polygon   2
At time =      53.50, total mass in vadose zone =    0.20747E-01g/sq.ft.
Mass in gas phase     =      0.90109E-03g/sq.ft.
Mass in liquid phase  =      0.12691E-02g/sq.ft.
Mass sorbed           =      0.18576E-01g/sq.ft.

Since last printout at time =      53.00
               Change in Total Mass =    -0.45052E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26404E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16658E-03g/sq.ft.
                    Diffusion in from water table =    -0.25754E-03g/sq.ft.
               Total inflow at boundaries =    -0.45052E-03g/sq.ft.
               Mass discrepancy =     0.21646E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23385    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18954E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.46843E-01g/sq.ft.
                    Diffusion in from water table =    -0.16805    g/sq.ft.
               Total inflow at boundaries =    -0.23385    g/sq.ft.
               Mass discrepancy =    -0.64448E-06g/sq.ft.


Polygon   2
At time =      54.00, total mass in vadose zone =    0.20306E-01g/sq.ft.
Mass in gas phase     =      0.88194E-03g/sq.ft.
Mass in liquid phase  =      0.12422E-02g/sq.ft.
Mass sorbed           =      0.18182E-01g/sq.ft.

Since last printout at time =      53.50
               Change in Total Mass =    -0.44092E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25834E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16309E-03g/sq.ft.
                    Diffusion in from water table =    -0.25199E-03g/sq.ft.
               Total inflow at boundaries =    -0.44092E-03g/sq.ft.
               Mass discrepancy =    -0.26612E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23429    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18980E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.47007E-01g/sq.ft.
                    Diffusion in from water table =    -0.16831    g/sq.ft.
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               Total inflow at boundaries =    -0.23429    g/sq.ft.
               Mass discrepancy =    -0.63144E-06g/sq.ft.


Polygon   2
At time =      54.50, total mass in vadose zone =    0.19874E-01g/sq.ft.
Mass in gas phase     =      0.86320E-03g/sq.ft.
Mass in liquid phase  =      0.12158E-02g/sq.ft.
Mass sorbed           =      0.17795E-01g/sq.ft.

Since last printout at time =      54.00
               Change in Total Mass =    -0.43152E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25277E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15968E-03g/sq.ft.
                    Diffusion in from water table =    -0.24656E-03g/sq.ft.
               Total inflow at boundaries =    -0.43152E-03g/sq.ft.
               Mass discrepancy =     0.25466E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23473    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19005E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.47166E-01g/sq.ft.
                    Diffusion in from water table =    -0.16855    g/sq.ft.
               Total inflow at boundaries =    -0.23472    g/sq.ft.
               Mass discrepancy =    -0.63330E-06g/sq.ft.


Polygon   2
At time =      55.00, total mass in vadose zone =    0.19452E-01g/sq.ft.
Mass in gas phase     =      0.84486E-03g/sq.ft.
Mass in liquid phase  =      0.11899E-02g/sq.ft.
Mass sorbed           =      0.17417E-01g/sq.ft.

Since last printout at time =      54.50
               Change in Total Mass =    -0.42232E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24732E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15633E-03g/sq.ft.
                    Diffusion in from water table =    -0.24126E-03g/sq.ft.
               Total inflow at boundaries =    -0.42232E-03g/sq.ft.
               Mass discrepancy =    -0.29759E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23515    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19030E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.47323E-01g/sq.ft.
                    Diffusion in from water table =    -0.16879    g/sq.ft.
               Total inflow at boundaries =    -0.23515    g/sq.ft.
               Mass discrepancy =    -0.63889E-06g/sq.ft.


Polygon   2
At time =      55.50, total mass in vadose zone =    0.19039E-01g/sq.ft.
Mass in gas phase     =      0.82690E-03g/sq.ft.
Mass in liquid phase  =      0.11647E-02g/sq.ft.
Mass sorbed           =      0.17047E-01g/sq.ft.

Since last printout at time =      55.00
               Change in Total Mass =    -0.41332E-03g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24199E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15305E-03g/sq.ft.
                    Diffusion in from water table =    -0.23607E-03g/sq.ft.
               Total inflow at boundaries =    -0.41332E-03g/sq.ft.
               Mass discrepancy =    -0.56389E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23556    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19054E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.47476E-01g/sq.ft.
                    Diffusion in from water table =    -0.16903    g/sq.ft.
               Total inflow at boundaries =    -0.23556    g/sq.ft.
               Mass discrepancy =    -0.64448E-06g/sq.ft.


Polygon   2
At time =      56.00, total mass in vadose zone =    0.18634E-01g/sq.ft.
Mass in gas phase     =      0.80933E-03g/sq.ft.
Mass in liquid phase  =      0.11399E-02g/sq.ft.
Mass sorbed           =      0.16685E-01g/sq.ft.

Since last printout at time =      55.50
               Change in Total Mass =    -0.40452E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23678E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14984E-03g/sq.ft.
                    Diffusion in from water table =    -0.23100E-03g/sq.ft.
               Total inflow at boundaries =    -0.40452E-03g/sq.ft.
               Mass discrepancy =    -0.29122E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23597    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19078E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.47625E-01g/sq.ft.
                    Diffusion in from water table =    -0.16926    g/sq.ft.
               Total inflow at boundaries =    -0.23597    g/sq.ft.
               Mass discrepancy =    -0.66124E-06g/sq.ft.


Polygon   2
At time =      56.50, total mass in vadose zone =    0.18238E-01g/sq.ft.
Mass in gas phase     =      0.79214E-03g/sq.ft.
Mass in liquid phase  =      0.11157E-02g/sq.ft.
Mass sorbed           =      0.16330E-01g/sq.ft.

Since last printout at time =      56.00
               Change in Total Mass =    -0.39590E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23169E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14670E-03g/sq.ft.
                    Diffusion in from water table =    -0.22603E-03g/sq.ft.
               Total inflow at boundaries =    -0.39590E-03g/sq.ft.
               Mass discrepancy =     0.95679E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23636    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19101E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.47772E-01g/sq.ft.
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                    Diffusion in from water table =    -0.16949    g/sq.ft.
               Total inflow at boundaries =    -0.23636    g/sq.ft.
               Mass discrepancy =    -0.65751E-06g/sq.ft.


Polygon   2
At time =      57.00, total mass in vadose zone =    0.17851E-01g/sq.ft.
Mass in gas phase     =      0.77531E-03g/sq.ft.
Mass in liquid phase  =      0.10920E-02g/sq.ft.
Mass sorbed           =      0.15983E-01g/sq.ft.

Since last printout at time =      56.50
               Change in Total Mass =    -0.38747E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22671E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14361E-03g/sq.ft.
                    Diffusion in from water table =    -0.22118E-03g/sq.ft.
               Total inflow at boundaries =    -0.38747E-03g/sq.ft.
               Mass discrepancy =    -0.40018E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23675    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19124E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.47916E-01g/sq.ft.
                    Diffusion in from water table =    -0.16971    g/sq.ft.
               Total inflow at boundaries =    -0.23675    g/sq.ft.
               Mass discrepancy =    -0.66310E-06g/sq.ft.


Polygon   2
At time =      57.50, total mass in vadose zone =    0.17472E-01g/sq.ft.
Mass in gas phase     =      0.75884E-03g/sq.ft.
Mass in liquid phase  =      0.10688E-02g/sq.ft.
Mass sorbed           =      0.15644E-01g/sq.ft.

Since last printout at time =      57.00
               Change in Total Mass =    -0.37922E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22184E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14060E-03g/sq.ft.
                    Diffusion in from water table =    -0.21644E-03g/sq.ft.
               Total inflow at boundaries =    -0.37922E-03g/sq.ft.
               Mass discrepancy =    -0.79308E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23713    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19146E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48056E-01g/sq.ft.
                    Diffusion in from water table =    -0.16993    g/sq.ft.
               Total inflow at boundaries =    -0.23713    g/sq.ft.
               Mass discrepancy =    -0.66496E-06g/sq.ft.


Polygon   2
At time =      58.00, total mass in vadose zone =    0.17100E-01g/sq.ft.
Mass in gas phase     =      0.74272E-03g/sq.ft.
Mass in liquid phase  =      0.10461E-02g/sq.ft.
Mass sorbed           =      0.15312E-01g/sq.ft.

Since last printout at time =      57.50
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               Change in Total Mass =    -0.37114E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21708E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13764E-03g/sq.ft.
                    Diffusion in from water table =    -0.21180E-03g/sq.ft.
               Total inflow at boundaries =    -0.37114E-03g/sq.ft.
               Mass discrepancy =     0.42382E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23750    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19167E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48194E-01g/sq.ft.
                    Diffusion in from water table =    -0.17014    g/sq.ft.
               Total inflow at boundaries =    -0.23750    g/sq.ft.
               Mass discrepancy =    -0.64448E-06g/sq.ft.


Polygon   2
At time =      58.50, total mass in vadose zone =    0.16737E-01g/sq.ft.
Mass in gas phase     =      0.72694E-03g/sq.ft.
Mass in liquid phase  =      0.10239E-02g/sq.ft.
Mass sorbed           =      0.14986E-01g/sq.ft.

Since last printout at time =      58.00
               Change in Total Mass =    -0.36325E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21242E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13474E-03g/sq.ft.
                    Diffusion in from water table =    -0.20726E-03g/sq.ft.
               Total inflow at boundaries =    -0.36324E-03g/sq.ft.
               Mass discrepancy =    -0.22301E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23786    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19189E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48329E-01g/sq.ft.
                    Diffusion in from water table =    -0.17034    g/sq.ft.
               Total inflow at boundaries =    -0.23786    g/sq.ft.
               Mass discrepancy =    -0.70594E-06g/sq.ft.


Polygon   2
At time =      59.00, total mass in vadose zone =    0.16382E-01g/sq.ft.
Mass in gas phase     =      0.71150E-03g/sq.ft.
Mass in liquid phase  =      0.10021E-02g/sq.ft.
Mass sorbed           =      0.14668E-01g/sq.ft.

Since last printout at time =      58.50
               Change in Total Mass =    -0.35551E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20786E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13191E-03g/sq.ft.
                    Diffusion in from water table =    -0.20282E-03g/sq.ft.
               Total inflow at boundaries =    -0.35551E-03g/sq.ft.
               Mass discrepancy =     0.48203E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23822    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19209E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.48461E-01g/sq.ft.
                    Diffusion in from water table =    -0.17055    g/sq.ft.
               Total inflow at boundaries =    -0.23822    g/sq.ft.
               Mass discrepancy =    -0.70594E-06g/sq.ft.


Polygon   2
At time =      59.50, total mass in vadose zone =    0.16034E-01g/sq.ft.
Mass in gas phase     =      0.69639E-03g/sq.ft.
Mass in liquid phase  =      0.98083E-03g/sq.ft.
Mass sorbed           =      0.14356E-01g/sq.ft.

Since last printout at time =      59.00
               Change in Total Mass =    -0.34795E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20341E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12913E-03g/sq.ft.
                    Diffusion in from water table =    -0.19848E-03g/sq.ft.
               Total inflow at boundaries =    -0.34795E-03g/sq.ft.
               Mass discrepancy =    -0.24938E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23857    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19230E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48590E-01g/sq.ft.
                    Diffusion in from water table =    -0.17075    g/sq.ft.
               Total inflow at boundaries =    -0.23857    g/sq.ft.
               Mass discrepancy =    -0.71712E-06g/sq.ft.


Polygon   2
At time =      60.00, total mass in vadose zone =    0.15693E-01g/sq.ft.
Mass in gas phase     =      0.68160E-03g/sq.ft.
Mass in liquid phase  =      0.96000E-03g/sq.ft.
Mass sorbed           =      0.14052E-01g/sq.ft.

Since last printout at time =      59.50
               Change in Total Mass =    -0.34054E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19905E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12641E-03g/sq.ft.
                    Diffusion in from water table =    -0.19423E-03g/sq.ft.
               Total inflow at boundaries =    -0.34054E-03g/sq.ft.
               Mass discrepancy =     0.12733E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23891    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19250E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48716E-01g/sq.ft.
                    Diffusion in from water table =    -0.17094    g/sq.ft.
               Total inflow at boundaries =    -0.23891    g/sq.ft.
               Mass discrepancy =    -0.72457E-06g/sq.ft.


Polygon   2
At time =      60.50, total mass in vadose zone =    0.15360E-01g/sq.ft.
Mass in gas phase     =      0.66712E-03g/sq.ft.
Mass in liquid phase  =      0.93961E-03g/sq.ft.
Mass sorbed           =      0.13753E-01g/sq.ft.
```

```
Since last printout at time =      60.00
               Change in Total Mass =    -0.33330E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19479E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12374E-03g/sq.ft.
                    Diffusion in from water table =    -0.19008E-03g/sq.ft.
               Total inflow at boundaries =    -0.33330E-03g/sq.ft.
               Mass discrepancy =    -0.11041E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23924    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19269E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48840E-01g/sq.ft.
                    Diffusion in from water table =    -0.17113    g/sq.ft.
               Total inflow at boundaries =    -0.23924    g/sq.ft.
               Mass discrepancy =    -0.73761E-06g/sq.ft.


Polygon   2
At time =      61.00, total mass in vadose zone =    0.15034E-01g/sq.ft.
Mass in gas phase     =      0.65295E-03g/sq.ft.
Mass in liquid phase  =      0.91965E-03g/sq.ft.
Mass sorbed           =      0.13461E-01g/sq.ft.

Since last printout at time =      60.50
               Change in Total Mass =    -0.32621E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19062E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12114E-03g/sq.ft.
                    Diffusion in from water table =    -0.18601E-03g/sq.ft.
               Total inflow at boundaries =    -0.32621E-03g/sq.ft.
               Mass discrepancy =     0.27285E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23957    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19288E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48961E-01g/sq.ft.
                    Diffusion in from water table =    -0.17132    g/sq.ft.
               Total inflow at boundaries =    -0.23957    g/sq.ft.
               Mass discrepancy =    -0.74320E-06g/sq.ft.


Polygon   2
At time =      61.50, total mass in vadose zone =    0.14714E-01g/sq.ft.
Mass in gas phase     =      0.63909E-03g/sq.ft.
Mass in liquid phase  =      0.90012E-03g/sq.ft.
Mass sorbed           =      0.13175E-01g/sq.ft.

Since last printout at time =      61.00
               Change in Total Mass =    -0.31927E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18654E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11858E-03g/sq.ft.
                    Diffusion in from water table =    -0.18204E-03g/sq.ft.
               Total inflow at boundaries =    -0.31927E-03g/sq.ft.
               Mass discrepancy =    -0.87311E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23989    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Advection in from water table =    -0.19307E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49080E-01g/sq.ft.
                    Diffusion in from water table =    -0.17150    g/sq.ft.
               Total inflow at boundaries =    -0.23988    g/sq.ft.
               Mass discrepancy =    -0.73295E-06g/sq.ft.


Polygon   2
At time =      62.00, total mass in vadose zone =    0.14402E-01g/sq.ft.
Mass in gas phase     =      0.62552E-03g/sq.ft.
Mass in liquid phase  =      0.88101E-03g/sq.ft.
Mass sorbed           =      0.12895E-01g/sq.ft.

Since last printout at time =      61.50
               Change in Total Mass =    -0.31248E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18255E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11608E-03g/sq.ft.
                    Diffusion in from water table =    -0.17815E-03g/sq.ft.
               Total inflow at boundaries =    -0.31248E-03g/sq.ft.
               Mass discrepancy =    -0.62755E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24020    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19325E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49196E-01g/sq.ft.
                    Diffusion in from water table =    -0.17168    g/sq.ft.
               Total inflow at boundaries =    -0.24020    g/sq.ft.
               Mass discrepancy =    -0.73295E-06g/sq.ft.


Polygon   2
At time =      62.50, total mass in vadose zone =    0.14096E-01g/sq.ft.
Mass in gas phase     =      0.61223E-03g/sq.ft.
Mass in liquid phase  =      0.86230E-03g/sq.ft.
Mass sorbed           =      0.12622E-01g/sq.ft.

Since last printout at time =      62.00
               Change in Total Mass =    -0.30584E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17865E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11363E-03g/sq.ft.
                    Diffusion in from water table =    -0.17434E-03g/sq.ft.
               Total inflow at boundaries =    -0.30584E-03g/sq.ft.
               Mass discrepancy =    -0.15007E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24050    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19343E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49309E-01g/sq.ft.
                    Diffusion in from water table =    -0.17185    g/sq.ft.
               Total inflow at boundaries =    -0.24050    g/sq.ft.
               Mass discrepancy =    -0.73854E-06g/sq.ft.


Polygon   2
At time =      63.00, total mass in vadose zone =    0.13797E-01g/sq.ft.
Mass in gas phase     =      0.59923E-03g/sq.ft.
Mass in liquid phase  =      0.84399E-03g/sq.ft.
Mass sorbed           =      0.12353E-01g/sq.ft.
```

```
Since last printout at time =      62.50
               Change in Total Mass =    -0.29933E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17483E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11123E-03g/sq.ft.
                    Diffusion in from water table =    -0.17062E-03g/sq.ft.
               Total inflow at boundaries =    -0.29933E-03g/sq.ft.
               Mass discrepancy =     0.77489E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24080    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19361E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49421E-01g/sq.ft.
                    Diffusion in from water table =    -0.17202    g/sq.ft.
               Total inflow at boundaries =    -0.24080    g/sq.ft.
               Mass discrepancy =    -0.72829E-06g/sq.ft.


Polygon   2
At time =      63.50, total mass in vadose zone =    0.13504E-01g/sq.ft.
Mass in gas phase     =      0.58651E-03g/sq.ft.
Mass in liquid phase  =      0.82607E-03g/sq.ft.
Mass sorbed           =      0.12091E-01g/sq.ft.

Since last printout at time =      63.00
               Change in Total Mass =    -0.29297E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17110E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10888E-03g/sq.ft.
                    Diffusion in from water table =    -0.16698E-03g/sq.ft.
               Total inflow at boundaries =    -0.29297E-03g/sq.ft.
               Mass discrepancy =     0.38563E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24110    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19378E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49529E-01g/sq.ft.
                    Diffusion in from water table =    -0.17219    g/sq.ft.
               Total inflow at boundaries =    -0.24110    g/sq.ft.
               Mass discrepancy =    -0.71339E-06g/sq.ft.


Polygon   2
At time =      64.00, total mass in vadose zone =    0.13217E-01g/sq.ft.
Mass in gas phase     =      0.57405E-03g/sq.ft.
Mass in liquid phase  =      0.80853E-03g/sq.ft.
Mass sorbed           =      0.11834E-01g/sq.ft.

Since last printout at time =      63.50
               Change in Total Mass =    -0.28674E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16745E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10658E-03g/sq.ft.
                    Diffusion in from water table =    -0.16341E-03g/sq.ft.
               Total inflow at boundaries =    -0.28674E-03g/sq.ft.
               Mass discrepancy =    -0.19754E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24138    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19394E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49636E-01g/sq.ft.
                    Diffusion in from water table =    -0.17235    g/sq.ft.
               Total inflow at boundaries =    -0.24138    g/sq.ft.
               Mass discrepancy =    -0.71991E-06g/sq.ft.


Polygon   2
At time =      64.50, total mass in vadose zone =    0.12936E-01g/sq.ft.
Mass in gas phase     =      0.56186E-03g/sq.ft.
Mass in liquid phase  =      0.79136E-03g/sq.ft.
Mass sorbed           =      0.11583E-01g/sq.ft.

Since last printout at time =      64.00
               Change in Total Mass =    -0.28064E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16387E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10433E-03g/sq.ft.
                    Diffusion in from water table =    -0.15993E-03g/sq.ft.
               Total inflow at boundaries =    -0.28064E-03g/sq.ft.
               Mass discrepancy =     0.40018E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24166    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19411E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49740E-01g/sq.ft.
                    Diffusion in from water table =    -0.17251    g/sq.ft.
               Total inflow at boundaries =    -0.24166    g/sq.ft.
               Mass discrepancy =    -0.71246E-06g/sq.ft.


Polygon   2
At time =      65.00, total mass in vadose zone =    0.12662E-01g/sq.ft.
Mass in gas phase     =      0.54993E-03g/sq.ft.
Mass in liquid phase  =      0.77455E-03g/sq.ft.
Mass sorbed           =      0.11337E-01g/sq.ft.

Since last printout at time =      64.50
               Change in Total Mass =    -0.27468E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16037E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10213E-03g/sq.ft.
                    Diffusion in from water table =    -0.15652E-03g/sq.ft.
               Total inflow at boundaries =    -0.27468E-03g/sq.ft.
               Mass discrepancy =    -0.15280E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24194    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19427E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49843E-01g/sq.ft.
                    Diffusion in from water table =    -0.17267    g/sq.ft.
               Total inflow at boundaries =    -0.24194    g/sq.ft.
               Mass discrepancy =    -0.72084E-06g/sq.ft.


Polygon   2
At time =      65.50, total mass in vadose zone =    0.12393E-01g/sq.ft.
Mass in gas phase     =      0.53826E-03g/sq.ft.
Mass in liquid phase  =      0.75811E-03g/sq.ft.
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```
Mass sorbed           =      0.11096E-01g/sq.ft.

Since last printout at time =      65.00
               Change in Total Mass =    -0.26884E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15695E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.99968E-04g/sq.ft.
                    Diffusion in from water table =    -0.15318E-03g/sq.ft.
               Total inflow at boundaries =    -0.26884E-03g/sq.ft.
               Mass discrepancy =    -0.16025E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24221    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19443E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.49942E-01g/sq.ft.
                    Diffusion in from water table =    -0.17282    g/sq.ft.
               Total inflow at boundaries =    -0.24221    g/sq.ft.
               Mass discrepancy =    -0.73202E-06g/sq.ft.


Polygon   2
At time =      66.00, total mass in vadose zone =    0.12130E-01g/sq.ft.
Mass in gas phase     =      0.52683E-03g/sq.ft.
Mass in liquid phase  =      0.74201E-03g/sq.ft.
Mass sorbed           =      0.10861E-01g/sq.ft.

Since last printout at time =      65.50
               Change in Total Mass =    -0.26313E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15360E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.97855E-04g/sq.ft.
                    Diffusion in from water table =    -0.14991E-03g/sq.ft.
               Total inflow at boundaries =    -0.26313E-03g/sq.ft.
               Mass discrepancy =    -0.61118E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24247    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19458E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50040E-01g/sq.ft.
                    Diffusion in from water table =    -0.17297    g/sq.ft.
               Total inflow at boundaries =    -0.24247    g/sq.ft.
               Mass discrepancy =    -0.73761E-06g/sq.ft.


Polygon   2
At time =      66.50, total mass in vadose zone =    0.11872E-01g/sq.ft.
Mass in gas phase     =      0.51564E-03g/sq.ft.
Mass in liquid phase  =      0.72626E-03g/sq.ft.
Mass sorbed           =      0.10630E-01g/sq.ft.

Since last printout at time =      66.00
               Change in Total Mass =    -0.25754E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15033E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.95786E-04g/sq.ft.
                    Diffusion in from water table =    -0.14672E-03g/sq.ft.
               Total inflow at boundaries =    -0.25754E-03g/sq.ft.
               Mass discrepancy =    -0.71304E-09g/sq.ft.

Since beginning of run at time = 0.0
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```
               Change in Total Mass =    -0.24273    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19473E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50136E-01g/sq.ft.
                    Diffusion in from water table =    -0.17312    g/sq.ft.
               Total inflow at boundaries =    -0.24273    g/sq.ft.
               Mass discrepancy =    -0.74506E-06g/sq.ft.


Polygon   2
At time =      67.00, total mass in vadose zone =    0.11620E-01g/sq.ft.
Mass in gas phase     =      0.50470E-03g/sq.ft.
Mass in liquid phase  =      0.71084E-03g/sq.ft.
Mass sorbed           =      0.10405E-01g/sq.ft.

Since last printout at time =      66.50
               Change in Total Mass =    -0.25206E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14712E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.93760E-04g/sq.ft.
                    Diffusion in from water table =    -0.14359E-03g/sq.ft.
               Total inflow at boundaries =    -0.25206E-03g/sq.ft.
               Mass discrepancy =     0.78217E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24298    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19488E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50230E-01g/sq.ft.
                    Diffusion in from water table =    -0.17326    g/sq.ft.
               Total inflow at boundaries =    -0.24298    g/sq.ft.
               Mass discrepancy =    -0.74971E-06g/sq.ft.


Polygon   2
At time =      67.50, total mass in vadose zone =    0.11373E-01g/sq.ft.
Mass in gas phase     =      0.49398E-03g/sq.ft.
Mass in liquid phase  =      0.69575E-03g/sq.ft.
Mass sorbed           =      0.10184E-01g/sq.ft.

Since last printout at time =      67.00
               Change in Total Mass =    -0.24671E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14399E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.91777E-04g/sq.ft.
                    Diffusion in from water table =    -0.14053E-03g/sq.ft.
               Total inflow at boundaries =    -0.24671E-03g/sq.ft.
               Mass discrepancy =     0.15280E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24323    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19502E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50322E-01g/sq.ft.
                    Diffusion in from water table =    -0.17340    g/sq.ft.
               Total inflow at boundaries =    -0.24323    g/sq.ft.
               Mass discrepancy =    -0.76462E-06g/sq.ft.


Polygon   2
At time =      68.00, total mass in vadose zone =    0.11132E-01g/sq.ft.
Mass in gas phase     =      0.48349E-03g/sq.ft.
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Mass in liquid phase  =      0.68097E-03g/sq.ft.
Mass sorbed           =      0.99675E-02g/sq.ft.

Since last printout at time =      67.50
               Change in Total Mass =    -0.24147E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14092E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.89835E-04g/sq.ft.
                    Diffusion in from water table =    -0.13754E-03g/sq.ft.
               Total inflow at boundaries =    -0.24147E-03g/sq.ft.
               Mass discrepancy =    -0.11978E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24347    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19516E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50411E-01g/sq.ft.
                    Diffusion in from water table =    -0.17354    g/sq.ft.
               Total inflow at boundaries =    -0.24347    g/sq.ft.
               Mass discrepancy =    -0.76741E-06g/sq.ft.


Polygon   2
At time =      68.50, total mass in vadose zone =    0.10896E-01g/sq.ft.
Mass in gas phase     =      0.47323E-03g/sq.ft.
Mass in liquid phase  =      0.66652E-03g/sq.ft.
Mass sorbed           =      0.97558E-02g/sq.ft.

Since last printout at time =      68.00
               Change in Total Mass =    -0.23633E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13792E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.87934E-04g/sq.ft.
                    Diffusion in from water table =    -0.13461E-03g/sq.ft.
               Total inflow at boundaries =    -0.23634E-03g/sq.ft.
               Mass discrepancy =     0.11323E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24370    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19530E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50499E-01g/sq.ft.
                    Diffusion in from water table =    -0.17367    g/sq.ft.
               Total inflow at boundaries =    -0.24370    g/sq.ft.
               Mass discrepancy =    -0.78790E-06g/sq.ft.


Polygon   2
At time =      69.00, total mass in vadose zone =    0.10664E-01g/sq.ft.
Mass in gas phase     =      0.46318E-03g/sq.ft.
Mass in liquid phase  =      0.65237E-03g/sq.ft.
Mass sorbed           =      0.95487E-02g/sq.ft.

Since last printout at time =      68.50
               Change in Total Mass =    -0.23132E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13498E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.86074E-04g/sq.ft.
                    Diffusion in from water table =    -0.13174E-03g/sq.ft.
               Total inflow at boundaries =    -0.23131E-03g/sq.ft.
               Mass discrepancy =    -0.18426E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24394    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19543E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50585E-01g/sq.ft.
                    Diffusion in from water table =    -0.17381    g/sq.ft.
               Total inflow at boundaries =    -0.24393    g/sq.ft.
               Mass discrepancy =    -0.79162E-06g/sq.ft.


Polygon   2
At time =      69.50, total mass in vadose zone =    0.10438E-01g/sq.ft.
Mass in gas phase     =      0.45335E-03g/sq.ft.
Mass in liquid phase  =      0.63852E-03g/sq.ft.
Mass sorbed           =      0.93460E-02g/sq.ft.

Since last printout at time =      69.00
               Change in Total Mass =    -0.22640E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13210E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.84252E-04g/sq.ft.
                    Diffusion in from water table =    -0.12894E-03g/sq.ft.
               Total inflow at boundaries =    -0.22640E-03g/sq.ft.
               Mass discrepancy =    -0.36016E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24416    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19557E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50670E-01g/sq.ft.
                    Diffusion in from water table =    -0.17393    g/sq.ft.
               Total inflow at boundaries =    -0.24416    g/sq.ft.
               Mass discrepancy =    -0.78790E-06g/sq.ft.


Polygon   2
At time =      70.00, total mass in vadose zone =    0.10216E-01g/sq.ft.
Mass in gas phase     =      0.44372E-03g/sq.ft.
Mass in liquid phase  =      0.62496E-03g/sq.ft.
Mass sorbed           =      0.91476E-02g/sq.ft.

Since last printout at time =      69.50
               Change in Total Mass =    -0.22159E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12929E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.82468E-04g/sq.ft.
                    Diffusion in from water table =    -0.12619E-03g/sq.ft.
               Total inflow at boundaries =    -0.22159E-03g/sq.ft.
               Mass discrepancy =     0.52023E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24438    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19570E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50752E-01g/sq.ft.
                    Diffusion in from water table =    -0.17406    g/sq.ft.
               Total inflow at boundaries =    -0.24438    g/sq.ft.
               Mass discrepancy =    -0.78697E-06g/sq.ft.


Polygon   2
At time =      70.50, total mass in vadose zone =    0.99994E-02g/sq.ft.
```

```
Mass in gas phase     =      0.43430E-03g/sq.ft.
Mass in liquid phase  =      0.61169E-03g/sq.ft.
Mass sorbed           =      0.89534E-02g/sq.ft.

Since last printout at time =      70.00
               Change in Total Mass =    -0.21689E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12654E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.80722E-04g/sq.ft.
                    Diffusion in from water table =    -0.12351E-03g/sq.ft.
               Total inflow at boundaries =    -0.21688E-03g/sq.ft.
               Mass discrepancy =    -0.14679E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24460    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19582E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50833E-01g/sq.ft.
                    Diffusion in from water table =    -0.17418    g/sq.ft.
               Total inflow at boundaries =    -0.24460    g/sq.ft.
               Mass discrepancy =    -0.77859E-06g/sq.ft.


Polygon   2
At time =      71.00, total mass in vadose zone =    0.97871E-02g/sq.ft.
Mass in gas phase     =      0.42508E-03g/sq.ft.
Mass in liquid phase  =      0.59871E-03g/sq.ft.
Mass sorbed           =      0.87633E-02g/sq.ft.

Since last printout at time =      70.50
               Change in Total Mass =    -0.21228E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12385E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.79013E-04g/sq.ft.
                    Diffusion in from water table =    -0.12088E-03g/sq.ft.
               Total inflow at boundaries =    -0.21228E-03g/sq.ft.
               Mass discrepancy =    -0.10759E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24481    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19595E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50912E-01g/sq.ft.
                    Diffusion in from water table =    -0.17431    g/sq.ft.
               Total inflow at boundaries =    -0.24481    g/sq.ft.
               Mass discrepancy =    -0.78231E-06g/sq.ft.


Polygon   2
At time =      71.50, total mass in vadose zone =    0.95794E-02g/sq.ft.
Mass in gas phase     =      0.41606E-03g/sq.ft.
Mass in liquid phase  =      0.58600E-03g/sq.ft.
Mass sorbed           =      0.85773E-02g/sq.ft.

Since last printout at time =      71.00
               Change in Total Mass =    -0.20777E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12121E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.77340E-04g/sq.ft.
                    Diffusion in from water table =    -0.11831E-03g/sq.ft.
               Total inflow at boundaries =    -0.20777E-03g/sq.ft.
               Mass discrepancy =     0.14516E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24502    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19607E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50989E-01g/sq.ft.
                    Diffusion in from water table =    -0.17442    g/sq.ft.
               Total inflow at boundaries =    -0.24502    g/sq.ft.
               Mass discrepancy =    -0.78790E-06g/sq.ft.


Polygon   2
At time =      72.00, total mass in vadose zone =    0.93760E-02g/sq.ft.
Mass in gas phase     =      0.40723E-03g/sq.ft.
Mass in liquid phase  =      0.57356E-03g/sq.ft.
Mass sorbed           =      0.83952E-02g/sq.ft.

Since last printout at time =      71.50
               Change in Total Mass =    -0.20336E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11863E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.75702E-04g/sq.ft.
                    Diffusion in from water table =    -0.11579E-03g/sq.ft.
               Total inflow at boundaries =    -0.20336E-03g/sq.ft.
               Mass discrepancy =    -0.16234E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24522    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19619E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51065E-01g/sq.ft.
                    Diffusion in from water table =    -0.17454    g/sq.ft.
               Total inflow at boundaries =    -0.24522    g/sq.ft.
               Mass discrepancy =    -0.76462E-06g/sq.ft.


Polygon   2
At time =      72.50, total mass in vadose zone =    0.91770E-02g/sq.ft.
Mass in gas phase     =      0.39858E-03g/sq.ft.
Mass in liquid phase  =      0.56138E-03g/sq.ft.
Mass sorbed           =      0.82170E-02g/sq.ft.

Since last printout at time =      72.00
               Change in Total Mass =    -0.19904E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11611E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.74098E-04g/sq.ft.
                    Diffusion in from water table =    -0.11333E-03g/sq.ft.
               Total inflow at boundaries =    -0.19904E-03g/sq.ft.
               Mass discrepancy =    -0.21464E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24542    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19630E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51139E-01g/sq.ft.
                    Diffusion in from water table =    -0.17465    g/sq.ft.
               Total inflow at boundaries =    -0.24542    g/sq.ft.
               Mass discrepancy =    -0.77207E-06g/sq.ft.


Polygon   2
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At time =      73.00, total mass in vadose zone =    0.89822E-02g/sq.ft.
Mass in gas phase     =      0.39012E-03g/sq.ft.
Mass in liquid phase  =      0.54947E-03g/sq.ft.
Mass sorbed           =      0.80426E-02g/sq.ft.

Since last printout at time =      72.50
               Change in Total Mass =    -0.19481E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11364E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.72529E-04g/sq.ft.
                    Diffusion in from water table =    -0.11092E-03g/sq.ft.
               Total inflow at boundaries =    -0.19481E-03g/sq.ft.
               Mass discrepancy =    -0.52751E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24562    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19642E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51212E-01g/sq.ft.
                    Diffusion in from water table =    -0.17476    g/sq.ft.
               Total inflow at boundaries =    -0.24562    g/sq.ft.
               Mass discrepancy =    -0.76741E-06g/sq.ft.


Polygon   2
At time =      73.50, total mass in vadose zone =    0.87915E-02g/sq.ft.
Mass in gas phase     =      0.38184E-03g/sq.ft.
Mass in liquid phase  =      0.53780E-03g/sq.ft.
Mass sorbed           =      0.78718E-02g/sq.ft.

Since last printout at time =      73.00
               Change in Total Mass =    -0.19067E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11122E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.70992E-04g/sq.ft.
                    Diffusion in from water table =    -0.10856E-03g/sq.ft.
               Total inflow at boundaries =    -0.19067E-03g/sq.ft.
               Mass discrepancy =    -0.12651E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24581    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19653E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51283E-01g/sq.ft.
                    Diffusion in from water table =    -0.17487    g/sq.ft.
               Total inflow at boundaries =    -0.24581    g/sq.ft.
               Mass discrepancy =    -0.77114E-06g/sq.ft.


Polygon   2
At time =      74.00, total mass in vadose zone =    0.86049E-02g/sq.ft.
Mass in gas phase     =      0.37373E-03g/sq.ft.
Mass in liquid phase  =      0.52639E-03g/sq.ft.
Mass sorbed           =      0.77047E-02g/sq.ft.

Since last printout at time =      73.50
               Change in Total Mass =    -0.18662E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10885E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.69488E-04g/sq.ft.
                    Diffusion in from water table =    -0.10625E-03g/sq.ft.
               Total inflow at boundaries =    -0.18662E-03g/sq.ft.
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               Mass discrepancy =    -0.17553E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24599    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19664E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51352E-01g/sq.ft.
                    Diffusion in from water table =    -0.17498    g/sq.ft.
               Total inflow at boundaries =    -0.24599    g/sq.ft.
               Mass discrepancy =    -0.78510E-06g/sq.ft.


Polygon   2
At time =      74.50, total mass in vadose zone =    0.84222E-02g/sq.ft.
Mass in gas phase     =      0.36580E-03g/sq.ft.
Mass in liquid phase  =      0.51521E-03g/sq.ft.
Mass sorbed           =      0.75412E-02g/sq.ft.

Since last printout at time =      74.00
               Change in Total Mass =    -0.18266E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10654E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.68016E-04g/sq.ft.
                    Diffusion in from water table =    -0.10399E-03g/sq.ft.
               Total inflow at boundaries =    -0.18266E-03g/sq.ft.
               Mass discrepancy =    -0.50841E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24618    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19674E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51420E-01g/sq.ft.
                    Diffusion in from water table =    -0.17508    g/sq.ft.
               Total inflow at boundaries =    -0.24618    g/sq.ft.
               Mass discrepancy =    -0.76462E-06g/sq.ft.


Polygon   2
At time =      75.00, total mass in vadose zone =    0.82434E-02g/sq.ft.
Mass in gas phase     =      0.35804E-03g/sq.ft.
Mass in liquid phase  =      0.50428E-03g/sq.ft.
Mass sorbed           =      0.73811E-02g/sq.ft.

Since last printout at time =      74.50
               Change in Total Mass =    -0.17878E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10427E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.66574E-04g/sq.ft.
                    Diffusion in from water table =    -0.10178E-03g/sq.ft.
               Total inflow at boundaries =    -0.17878E-03g/sq.ft.
               Mass discrepancy =     0.53751E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24636    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19685E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51487E-01g/sq.ft.
                    Diffusion in from water table =    -0.17518    g/sq.ft.
               Total inflow at boundaries =    -0.24636    g/sq.ft.
               Mass discrepancy =    -0.76462E-06g/sq.ft.
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```
Polygon   2
At time =      75.50, total mass in vadose zone =    0.80684E-02g/sq.ft.
Mass in gas phase     =      0.35044E-03g/sq.ft.
Mass in liquid phase  =      0.49357E-03g/sq.ft.
Mass sorbed           =      0.72244E-02g/sq.ft.

Since last printout at time =      75.00
               Change in Total Mass =    -0.17499E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10205E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.65163E-04g/sq.ft.
                    Diffusion in from water table =    -0.99616E-04g/sq.ft.
               Total inflow at boundaries =    -0.17498E-03g/sq.ft.
               Mass discrepancy =    -0.69667E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24653    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19695E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51552E-01g/sq.ft.
                    Diffusion in from water table =    -0.17528    g/sq.ft.
               Total inflow at boundaries =    -0.24653    g/sq.ft.
               Mass discrepancy =    -0.76741E-06g/sq.ft.


Polygon   2
At time =      76.00, total mass in vadose zone =    0.78972E-02g/sq.ft.
Mass in gas phase     =      0.34300E-03g/sq.ft.
Mass in liquid phase  =      0.48309E-03g/sq.ft.
Mass sorbed           =      0.70711E-02g/sq.ft.

Since last printout at time =      75.50
               Change in Total Mass =    -0.17127E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99885E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.63782E-04g/sq.ft.
                    Diffusion in from water table =    -0.97498E-04g/sq.ft.
               Total inflow at boundaries =    -0.17127E-03g/sq.ft.
               Mass discrepancy =    -0.36925E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24670    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19705E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51616E-01g/sq.ft.
                    Diffusion in from water table =    -0.17538    g/sq.ft.
               Total inflow at boundaries =    -0.24670    g/sq.ft.
               Mass discrepancy =    -0.76648E-06g/sq.ft.


Polygon   2
At time =      76.50, total mass in vadose zone =    0.77295E-02g/sq.ft.
Mass in gas phase     =      0.33572E-03g/sq.ft.
Mass in liquid phase  =      0.47284E-03g/sq.ft.
Mass sorbed           =      0.69210E-02g/sq.ft.

Since last printout at time =      76.00
               Change in Total Mass =    -0.16763E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97761E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.62430E-04g/sq.ft.
                    Diffusion in from water table =    -0.95426E-04g/sq.ft.
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               Total inflow at boundaries =    -0.16763E-03g/sq.ft.
               Mass discrepancy =     0.23010E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24687    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19715E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51678E-01g/sq.ft.
                    Diffusion in from water table =    -0.17548    g/sq.ft.
               Total inflow at boundaries =    -0.24687    g/sq.ft.
               Mass discrepancy =    -0.76601E-06g/sq.ft.


Polygon   2
At time =      77.00, total mass in vadose zone =    0.75655E-02g/sq.ft.
Mass in gas phase     =      0.32859E-03g/sq.ft.
Mass in liquid phase  =      0.46280E-03g/sq.ft.
Mass sorbed           =      0.67741E-02g/sq.ft.

Since last printout at time =      76.50
               Change in Total Mass =    -0.16407E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95683E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.61107E-04g/sq.ft.
                    Diffusion in from water table =    -0.93398E-04g/sq.ft.
               Total inflow at boundaries =    -0.16407E-03g/sq.ft.
               Mass discrepancy =    -0.10396E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24703    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19724E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51739E-01g/sq.ft.
                    Diffusion in from water table =    -0.17557    g/sq.ft.
               Total inflow at boundaries =    -0.24703    g/sq.ft.
               Mass discrepancy =    -0.77253E-06g/sq.ft.


Polygon   2
At time =      77.50, total mass in vadose zone =    0.74049E-02g/sq.ft.
Mass in gas phase     =      0.32162E-03g/sq.ft.
Mass in liquid phase  =      0.45298E-03g/sq.ft.
Mass sorbed           =      0.66303E-02g/sq.ft.

Since last printout at time =      77.00
               Change in Total Mass =    -0.16059E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.93649E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.59811E-04g/sq.ft.
                    Diffusion in from water table =    -0.91413E-04g/sq.ft.
               Total inflow at boundaries =    -0.16059E-03g/sq.ft.
               Mass discrepancy =    -0.21009E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24719    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19734E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51799E-01g/sq.ft.
                    Diffusion in from water table =    -0.17566    g/sq.ft.
               Total inflow at boundaries =    -0.24719    g/sq.ft.
               Mass discrepancy =    -0.78138E-06g/sq.ft.
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Polygon   2
At time =      78.00, total mass in vadose zone =    0.72477E-02g/sq.ft.
Mass in gas phase     =      0.31479E-03g/sq.ft.
Mass in liquid phase  =      0.44336E-03g/sq.ft.
Mass sorbed           =      0.64895E-02g/sq.ft.

Since last printout at time =      77.50
               Change in Total Mass =    -0.15718E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91659E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.58543E-04g/sq.ft.
                    Diffusion in from water table =    -0.89470E-04g/sq.ft.
               Total inflow at boundaries =    -0.15718E-03g/sq.ft.
               Mass discrepancy =    -0.80945E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24735    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19743E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51858E-01g/sq.ft.
                    Diffusion in from water table =    -0.17575    g/sq.ft.
               Total inflow at boundaries =    -0.24735    g/sq.ft.
               Mass discrepancy =    -0.78604E-06g/sq.ft.


Polygon   2
At time =      78.50, total mass in vadose zone =    0.70938E-02g/sq.ft.
Mass in gas phase     =      0.30811E-03g/sq.ft.
Mass in liquid phase  =      0.43395E-03g/sq.ft.
Mass sorbed           =      0.63518E-02g/sq.ft.

Since last printout at time =      78.00
               Change in Total Mass =    -0.15384E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89711E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.57302E-04g/sq.ft.
                    Diffusion in from water table =    -0.87569E-04g/sq.ft.
               Total inflow at boundaries =    -0.15384E-03g/sq.ft.
               Mass discrepancy =    -0.63483E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24751    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19752E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51915E-01g/sq.ft.
                    Diffusion in from water table =    -0.17584    g/sq.ft.
               Total inflow at boundaries =    -0.24751    g/sq.ft.
               Mass discrepancy =    -0.78371E-06g/sq.ft.


Polygon   2
At time =      79.00, total mass in vadose zone =    0.69433E-02g/sq.ft.
Mass in gas phase     =      0.30157E-03g/sq.ft.
Mass in liquid phase  =      0.42474E-03g/sq.ft.
Mass sorbed           =      0.62170E-02g/sq.ft.

Since last printout at time =      78.50
               Change in Total Mass =    -0.15058E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.87804E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.56087E-04g/sq.ft.
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                    Diffusion in from water table =    -0.85708E-04g/sq.ft.
               Total inflow at boundaries =    -0.15058E-03g/sq.ft.
               Mass discrepancy =     0.12005E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24766    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19760E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51971E-01g/sq.ft.
                    Diffusion in from water table =    -0.17592    g/sq.ft.
               Total inflow at boundaries =    -0.24766    g/sq.ft.
               Mass discrepancy =    -0.76275E-06g/sq.ft.


Polygon   2
At time =      79.50, total mass in vadose zone =    0.67959E-02g/sq.ft.
Mass in gas phase     =      0.29517E-03g/sq.ft.
Mass in liquid phase  =      0.41573E-03g/sq.ft.
Mass sorbed           =      0.60850E-02g/sq.ft.

Since last printout at time =      79.00
               Change in Total Mass =    -0.14738E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.85938E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.54898E-04g/sq.ft.
                    Diffusion in from water table =    -0.83887E-04g/sq.ft.
               Total inflow at boundaries =    -0.14738E-03g/sq.ft.
               Mass discrepancy =    -0.93860E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24780    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19769E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52026E-01g/sq.ft.
                    Diffusion in from water table =    -0.17601    g/sq.ft.
               Total inflow at boundaries =    -0.24780    g/sq.ft.
               Mass discrepancy =    -0.75344E-06g/sq.ft.


Polygon   2
At time =      80.00, total mass in vadose zone =    0.66516E-02g/sq.ft.
Mass in gas phase     =      0.28890E-03g/sq.ft.
Mass in liquid phase  =      0.40690E-03g/sq.ft.
Mass sorbed           =      0.59558E-02g/sq.ft.

Since last printout at time =      79.50
               Change in Total Mass =    -0.14425E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.84112E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.53734E-04g/sq.ft.
                    Diffusion in from water table =    -0.82105E-04g/sq.ft.
               Total inflow at boundaries =    -0.14425E-03g/sq.ft.
               Mass discrepancy =    -0.21100E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24795    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19777E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52080E-01g/sq.ft.
                    Diffusion in from water table =    -0.17609    g/sq.ft.
               Total inflow at boundaries =    -0.24795    g/sq.ft.
               Mass discrepancy =    -0.75111E-06g/sq.ft.
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Polygon   2
At time =      80.50, total mass in vadose zone =    0.65105E-02g/sq.ft.
Mass in gas phase     =      0.28277E-03g/sq.ft.
Mass in liquid phase  =      0.39826E-03g/sq.ft.
Mass sorbed           =      0.58294E-02g/sq.ft.

Since last printout at time =      80.00
               Change in Total Mass =    -0.14119E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82325E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.52594E-04g/sq.ft.
                    Diffusion in from water table =    -0.80361E-04g/sq.ft.
               Total inflow at boundaries =    -0.14119E-03g/sq.ft.
               Mass discrepancy =    -0.49113E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24809    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19786E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52132E-01g/sq.ft.
                    Diffusion in from water table =    -0.17617    g/sq.ft.
               Total inflow at boundaries =    -0.24809    g/sq.ft.
               Mass discrepancy =    -0.76322E-06g/sq.ft.


Polygon   2
At time =      81.00, total mass in vadose zone =    0.63723E-02g/sq.ft.
Mass in gas phase     =      0.27677E-03g/sq.ft.
Mass in liquid phase  =      0.38981E-03g/sq.ft.
Mass sorbed           =      0.57057E-02g/sq.ft.

Since last printout at time =      80.50
               Change in Total Mass =    -0.13819E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.80576E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.51479E-04g/sq.ft.
                    Diffusion in from water table =    -0.78653E-04g/sq.ft.
               Total inflow at boundaries =    -0.13819E-03g/sq.ft.
               Mass discrepancy =    -0.95588E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24823    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19794E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52184E-01g/sq.ft.
                    Diffusion in from water table =    -0.17625    g/sq.ft.
               Total inflow at boundaries =    -0.24823    g/sq.ft.
               Mass discrepancy =    -0.76275E-06g/sq.ft.


Polygon   2
At time =      81.50, total mass in vadose zone =    0.62370E-02g/sq.ft.
Mass in gas phase     =      0.27089E-03g/sq.ft.
Mass in liquid phase  =      0.38154E-03g/sq.ft.
Mass sorbed           =      0.55846E-02g/sq.ft.

Since last printout at time =      81.00
               Change in Total Mass =    -0.13526E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.78864E-05g/sq.ft.
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                    Diffusion in from atmosphere =     -0.50387E-04g/sq.ft.
                    Diffusion in from water table =    -0.76983E-04g/sq.ft.
               Total inflow at boundaries =    -0.13526E-03g/sq.ft.
               Mass discrepancy =    -0.11187E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24836    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19802E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52234E-01g/sq.ft.
                    Diffusion in from water table =    -0.17633    g/sq.ft.
               Total inflow at boundaries =    -0.24836    g/sq.ft.
               Mass discrepancy =    -0.74832E-06g/sq.ft.


Polygon   2
At time =      82.00, total mass in vadose zone =    0.61046E-02g/sq.ft.
Mass in gas phase     =      0.26514E-03g/sq.ft.
Mass in liquid phase  =      0.37344E-03g/sq.ft.
Mass sorbed           =      0.54660E-02g/sq.ft.

Since last printout at time =      81.50
               Change in Total Mass =    -0.13238E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77189E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.49319E-04g/sq.ft.
                    Diffusion in from water table =    -0.75347E-04g/sq.ft.
               Total inflow at boundaries =    -0.13238E-03g/sq.ft.
               Mass discrepancy =     0.17008E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24850    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19809E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52283E-01g/sq.ft.
                    Diffusion in from water table =    -0.17640    g/sq.ft.
               Total inflow at boundaries =    -0.24849    g/sq.ft.
               Mass discrepancy =    -0.75484E-06g/sq.ft.


Polygon   2
At time =      82.50, total mass in vadose zone =    0.59750E-02g/sq.ft.
Mass in gas phase     =      0.25951E-03g/sq.ft.
Mass in liquid phase  =      0.36551E-03g/sq.ft.
Mass sorbed           =      0.53500E-02g/sq.ft.

Since last printout at time =      82.00
               Change in Total Mass =    -0.12958E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.75549E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.48273E-04g/sq.ft.
                    Diffusion in from water table =    -0.73747E-04g/sq.ft.
               Total inflow at boundaries =    -0.12957E-03g/sq.ft.
               Mass discrepancy =    -0.94587E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24862    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19817E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52332E-01g/sq.ft.
                    Diffusion in from water table =    -0.17648    g/sq.ft.
               Total inflow at boundaries =    -0.24862    g/sq.ft.
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               Mass discrepancy =    -0.77020E-06g/sq.ft.


Polygon   2
At time =      83.00, total mass in vadose zone =    0.58482E-02g/sq.ft.
Mass in gas phase     =      0.25401E-03g/sq.ft.
Mass in liquid phase  =      0.35775E-03g/sq.ft.
Mass sorbed           =      0.52365E-02g/sq.ft.

Since last printout at time =      82.50
               Change in Total Mass =    -0.12682E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.73944E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.47249E-04g/sq.ft.
                    Diffusion in from water table =    -0.72180E-04g/sq.ft.
               Total inflow at boundaries =    -0.12682E-03g/sq.ft.
               Mass discrepancy =    -0.95042E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24875    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19824E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52379E-01g/sq.ft.
                    Diffusion in from water table =    -0.17655    g/sq.ft.
               Total inflow at boundaries =    -0.24875    g/sq.ft.
               Mass discrepancy =    -0.75158E-06g/sq.ft.


Polygon   2
At time =      83.50, total mass in vadose zone =    0.57241E-02g/sq.ft.
Mass in gas phase     =      0.24861E-03g/sq.ft.
Mass in liquid phase  =      0.35016E-03g/sq.ft.
Mass sorbed           =      0.51253E-02g/sq.ft.

Since last printout at time =      83.00
               Change in Total Mass =    -0.12413E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.72373E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.46247E-04g/sq.ft.
                    Diffusion in from water table =    -0.70647E-04g/sq.ft.
               Total inflow at boundaries =    -0.12413E-03g/sq.ft.
               Mass discrepancy =    -0.42428E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24888    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19832E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52425E-01g/sq.ft.
                    Diffusion in from water table =    -0.17662    g/sq.ft.
               Total inflow at boundaries =    -0.24888    g/sq.ft.
               Mass discrepancy =    -0.69896E-06g/sq.ft.


Polygon   2
At time =      84.00, total mass in vadose zone =    0.56026E-02g/sq.ft.
Mass in gas phase     =      0.24334E-03g/sq.ft.
Mass in liquid phase  =      0.34273E-03g/sq.ft.
Mass sorbed           =      0.50165E-02g/sq.ft.

Since last printout at time =      83.50
               Change in Total Mass =    -0.12150E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.70836E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.45266E-04g/sq.ft.
                    Diffusion in from water table =    -0.69147E-04g/sq.ft.
               Total inflow at boundaries =    -0.12150E-03g/sq.ft.
               Mass discrepancy =     0.72305E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24900    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19839E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52470E-01g/sq.ft.
                    Diffusion in from water table =    -0.17669    g/sq.ft.
               Total inflow at boundaries =    -0.24900    g/sq.ft.
               Mass discrepancy =    -0.62957E-06g/sq.ft.


Polygon   2
At time =      84.50, total mass in vadose zone =    0.54837E-02g/sq.ft.
Mass in gas phase     =      0.23817E-03g/sq.ft.
Mass in liquid phase  =      0.33545E-03g/sq.ft.
Mass sorbed           =      0.49100E-02g/sq.ft.

Since last printout at time =      84.00
               Change in Total Mass =    -0.11892E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.69332E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.44306E-04g/sq.ft.
                    Diffusion in from water table =    -0.67678E-04g/sq.ft.
               Total inflow at boundaries =    -0.11892E-03g/sq.ft.
               Mass discrepancy =    -0.26193E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24912    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19846E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52515E-01g/sq.ft.
                    Diffusion in from water table =    -0.17676    g/sq.ft.
               Total inflow at boundaries =    -0.24912    g/sq.ft.
               Mass discrepancy =    -0.58347E-06g/sq.ft.


Polygon   2
At time =      85.00, total mass in vadose zone =    0.53673E-02g/sq.ft.
Mass in gas phase     =      0.23312E-03g/sq.ft.
Mass in liquid phase  =      0.32833E-03g/sq.ft.
Mass sorbed           =      0.48058E-02g/sq.ft.

Since last printout at time =      84.50
               Change in Total Mass =    -0.11639E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67859E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.43366E-04g/sq.ft.
                    Diffusion in from water table =    -0.66241E-04g/sq.ft.
               Total inflow at boundaries =    -0.11639E-03g/sq.ft.
               Mass discrepancy =    -0.30195E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24923    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19852E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52558E-01g/sq.ft.
                    Diffusion in from water table =    -0.17682    g/sq.ft.
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               Total inflow at boundaries =    -0.24923    g/sq.ft.
               Mass discrepancy =    -0.59279E-06g/sq.ft.


Polygon   2
At time =      85.50, total mass in vadose zone =    0.52534E-02g/sq.ft.
Mass in gas phase     =      0.22817E-03g/sq.ft.
Mass in liquid phase  =      0.32136E-03g/sq.ft.
Mass sorbed           =      0.47038E-02g/sq.ft.

Since last printout at time =      85.00
               Change in Total Mass =    -0.11392E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.66418E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.42446E-04g/sq.ft.
                    Diffusion in from water table =    -0.64834E-04g/sq.ft.
               Total inflow at boundaries =    -0.11392E-03g/sq.ft.
               Mass discrepancy =    -0.28240E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24935    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19859E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52600E-01g/sq.ft.
                    Diffusion in from water table =    -0.17689    g/sq.ft.
               Total inflow at boundaries =    -0.24935    g/sq.ft.
               Mass discrepancy =    -0.59744E-06g/sq.ft.


Polygon   2
At time =      86.00, total mass in vadose zone =    0.51419E-02g/sq.ft.
Mass in gas phase     =      0.22333E-03g/sq.ft.
Mass in liquid phase  =      0.31454E-03g/sq.ft.
Mass sorbed           =      0.46040E-02g/sq.ft.

Since last printout at time =      85.50
               Change in Total Mass =    -0.11150E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65007E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.41545E-04g/sq.ft.
                    Diffusion in from water table =    -0.63457E-04g/sq.ft.
               Total inflow at boundaries =    -0.11150E-03g/sq.ft.
               Mass discrepancy =     0.57753E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24946    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19865E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52642E-01g/sq.ft.
                    Diffusion in from water table =    -0.17695    g/sq.ft.
               Total inflow at boundaries =    -0.24946    g/sq.ft.
               Mass discrepancy =    -0.60676E-06g/sq.ft.


Polygon   2
At time =      86.50, total mass in vadose zone =    0.50327E-02g/sq.ft.
Mass in gas phase     =      0.21859E-03g/sq.ft.
Mass in liquid phase  =      0.30787E-03g/sq.ft.
Mass sorbed           =      0.45063E-02g/sq.ft.

Since last printout at time =      86.00
               Change in Total Mass =    -0.10914E-03g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.63627E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.40664E-04g/sq.ft.
                    Diffusion in from water table =    -0.62110E-04g/sq.ft.
               Total inflow at boundaries =    -0.10914E-03g/sq.ft.
               Mass discrepancy =    -0.39745E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24957    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19872E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52683E-01g/sq.ft.
                    Diffusion in from water table =    -0.17701    g/sq.ft.
               Total inflow at boundaries =    -0.24957    g/sq.ft.
               Mass discrepancy =    -0.61328E-06g/sq.ft.


Polygon   2
At time =      87.00, total mass in vadose zone =    0.49259E-02g/sq.ft.
Mass in gas phase     =      0.21395E-03g/sq.ft.
Mass in liquid phase  =      0.30133E-03g/sq.ft.
Mass sorbed           =      0.44106E-02g/sq.ft.

Since last printout at time =      86.50
               Change in Total Mass =    -0.10682E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.62276E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.39801E-04g/sq.ft.
                    Diffusion in from water table =    -0.60791E-04g/sq.ft.
               Total inflow at boundaries =    -0.10682E-03g/sq.ft.
               Mass discrepancy =    -0.42655E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24967    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19878E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52722E-01g/sq.ft.
                    Diffusion in from water table =    -0.17707    g/sq.ft.
               Total inflow at boundaries =    -0.24967    g/sq.ft.
               Mass discrepancy =    -0.60722E-06g/sq.ft.


Polygon   2
At time =      87.50, total mass in vadose zone =    0.48213E-02g/sq.ft.
Mass in gas phase     =      0.20941E-03g/sq.ft.
Mass in liquid phase  =      0.29494E-03g/sq.ft.
Mass sorbed           =      0.43170E-02g/sq.ft.

Since last printout at time =      87.00
               Change in Total Mass =    -0.10455E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.60953E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.38957E-04g/sq.ft.
                    Diffusion in from water table =    -0.59500E-04g/sq.ft.
               Total inflow at boundaries =    -0.10455E-03g/sq.ft.
               Mass discrepancy =     0.31832E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24978    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19884E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52761E-01g/sq.ft.
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                    Diffusion in from water table =    -0.17713    g/sq.ft.
               Total inflow at boundaries =    -0.24978    g/sq.ft.
               Mass discrepancy =    -0.62026E-06g/sq.ft.


Polygon   2
At time =      88.00, total mass in vadose zone =    0.47190E-02g/sq.ft.
Mass in gas phase     =      0.20496E-03g/sq.ft.
Mass in liquid phase  =      0.28868E-03g/sq.ft.
Mass sorbed           =      0.42254E-02g/sq.ft.

Since last printout at time =      87.50
               Change in Total Mass =    -0.10233E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59659E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.38130E-04g/sq.ft.
                    Diffusion in from water table =    -0.58237E-04g/sq.ft.
               Total inflow at boundaries =    -0.10233E-03g/sq.ft.
               Mass discrepancy =    -0.61118E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24988    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19890E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52800E-01g/sq.ft.
                    Diffusion in from water table =    -0.17719    g/sq.ft.
               Total inflow at boundaries =    -0.24988    g/sq.ft.
               Mass discrepancy =    -0.61095E-06g/sq.ft.


Polygon   2
At time =      88.50, total mass in vadose zone =    0.46189E-02g/sq.ft.
Mass in gas phase     =      0.20061E-03g/sq.ft.
Mass in liquid phase  =      0.28255E-03g/sq.ft.
Mass sorbed           =      0.41357E-02g/sq.ft.

Since last printout at time =      88.00
               Change in Total Mass =    -0.10016E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.58392E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.37321E-04g/sq.ft.
                    Diffusion in from water table =    -0.57000E-04g/sq.ft.
               Total inflow at boundaries =    -0.10016E-03g/sq.ft.
               Mass discrepancy =    -0.54570E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24998    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19896E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52837E-01g/sq.ft.
                    Diffusion in from water table =    -0.17725    g/sq.ft.
               Total inflow at boundaries =    -0.24998    g/sq.ft.
               Mass discrepancy =    -0.61747E-06g/sq.ft.


Polygon   2
At time =      89.00, total mass in vadose zone =    0.45208E-02g/sq.ft.
Mass in gas phase     =      0.19635E-03g/sq.ft.
Mass in liquid phase  =      0.27655E-03g/sq.ft.
Mass sorbed           =      0.40479E-02g/sq.ft.

Since last printout at time =      88.50
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```
               Change in Total Mass =    -0.98035E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.57152E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.36530E-04g/sq.ft.
                    Diffusion in from water table =    -0.55790E-04g/sq.ft.
               Total inflow at boundaries =    -0.98035E-04g/sq.ft.
               Mass discrepancy =     0.59117E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25008    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19902E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52873E-01g/sq.ft.
                    Diffusion in from water table =    -0.17730    g/sq.ft.
               Total inflow at boundaries =    -0.25008    g/sq.ft.
               Mass discrepancy =    -0.61747E-06g/sq.ft.


Polygon   2
At time =      89.50, total mass in vadose zone =    0.44249E-02g/sq.ft.
Mass in gas phase     =      0.19218E-03g/sq.ft.
Mass in liquid phase  =      0.27068E-03g/sq.ft.
Mass sorbed           =      0.39620E-02g/sq.ft.

Since last printout at time =      89.00
               Change in Total Mass =    -0.95954E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55939E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.35755E-04g/sq.ft.
                    Diffusion in from water table =    -0.54605E-04g/sq.ft.
               Total inflow at boundaries =    -0.95954E-04g/sq.ft.
               Mass discrepancy =    -0.32696E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25017    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19907E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52909E-01g/sq.ft.
                    Diffusion in from water table =    -0.17736    g/sq.ft.
               Total inflow at boundaries =    -0.25017    g/sq.ft.
               Mass discrepancy =    -0.61747E-06g/sq.ft.


Polygon   2
At time =      90.00, total mass in vadose zone =    0.43309E-02g/sq.ft.
Mass in gas phase     =      0.18811E-03g/sq.ft.
Mass in liquid phase  =      0.26494E-03g/sq.ft.
Mass sorbed           =      0.38779E-02g/sq.ft.

Since last printout at time =      89.50
               Change in Total Mass =    -0.93917E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.54751E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.34996E-04g/sq.ft.
                    Diffusion in from water table =    -0.53446E-04g/sq.ft.
               Total inflow at boundaries =    -0.93917E-04g/sq.ft.
               Mass discrepancy =    -0.29513E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25027    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19913E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.52944E-01g/sq.ft.
                    Diffusion in from water table =    -0.17741    g/sq.ft.
               Total inflow at boundaries =    -0.25027    g/sq.ft.
               Mass discrepancy =    -0.62399E-06g/sq.ft.


Polygon   2
At time =      90.50, total mass in vadose zone =    0.42390E-02g/sq.ft.
Mass in gas phase     =      0.18411E-03g/sq.ft.
Mass in liquid phase  =      0.25931E-03g/sq.ft.
Mass sorbed           =      0.37956E-02g/sq.ft.

Since last printout at time =      90.00
               Change in Total Mass =    -0.91924E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.53588E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.34253E-04g/sq.ft.
                    Diffusion in from water table =    -0.52311E-04g/sq.ft.
               Total inflow at boundaries =    -0.91924E-04g/sq.ft.
               Mass discrepancy =    -0.33788E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25036    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19918E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52978E-01g/sq.ft.
                    Diffusion in from water table =    -0.17746    g/sq.ft.
               Total inflow at boundaries =    -0.25036    g/sq.ft.
               Mass discrepancy =    -0.63563E-06g/sq.ft.


Polygon   2
At time =      91.00, total mass in vadose zone =    0.41490E-02g/sq.ft.
Mass in gas phase     =      0.18021E-03g/sq.ft.
Mass in liquid phase  =      0.25381E-03g/sq.ft.
Mass sorbed           =      0.37150E-02g/sq.ft.

Since last printout at time =      90.50
               Change in Total Mass =    -0.89972E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52451E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.33527E-04g/sq.ft.
                    Diffusion in from water table =    -0.51201E-04g/sq.ft.
               Total inflow at boundaries =    -0.89972E-04g/sq.ft.
               Mass discrepancy =     0.56843E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25045    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19923E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53012E-01g/sq.ft.
                    Diffusion in from water table =    -0.17751    g/sq.ft.
               Total inflow at boundaries =    -0.25045    g/sq.ft.
               Mass discrepancy =    -0.65146E-06g/sq.ft.


Polygon   2
At time =      91.50, total mass in vadose zone =    0.40610E-02g/sq.ft.
Mass in gas phase     =      0.17638E-03g/sq.ft.
Mass in liquid phase  =      0.24842E-03g/sq.ft.
Mass sorbed           =      0.36362E-02g/sq.ft.
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Since last printout at time =      91.00
               Change in Total Mass =    -0.88062E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51337E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.32815E-04g/sq.ft.
                    Diffusion in from water table =    -0.50114E-04g/sq.ft.
               Total inflow at boundaries =    -0.88063E-04g/sq.ft.
               Mass discrepancy =     0.42246E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25054    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19928E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53045E-01g/sq.ft.
                    Diffusion in from water table =    -0.17756    g/sq.ft.
               Total inflow at boundaries =    -0.25054    g/sq.ft.
               Mass discrepancy =    -0.64028E-06g/sq.ft.


Polygon   2
At time =      92.00, total mass in vadose zone =    0.39748E-02g/sq.ft.
Mass in gas phase     =      0.17264E-03g/sq.ft.
Mass in liquid phase  =      0.24315E-03g/sq.ft.
Mass sorbed           =      0.35590E-02g/sq.ft.

Since last printout at time =      91.50
               Change in Total Mass =    -0.86194E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50247E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.32119E-04g/sq.ft.
                    Diffusion in from water table =    -0.49050E-04g/sq.ft.
               Total inflow at boundaries =    -0.86193E-04g/sq.ft.
               Mass discrepancy =    -0.56434E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25063    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19933E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53077E-01g/sq.ft.
                    Diffusion in from water table =    -0.17761    g/sq.ft.
               Total inflow at boundaries =    -0.25062    g/sq.ft.
               Mass discrepancy =    -0.63283E-06g/sq.ft.


Polygon   2
At time =      92.50, total mass in vadose zone =    0.38904E-02g/sq.ft.
Mass in gas phase     =      0.16897E-03g/sq.ft.
Mass in liquid phase  =      0.23799E-03g/sq.ft.
Mass sorbed           =      0.34835E-02g/sq.ft.

Since last printout at time =      92.00
               Change in Total Mass =    -0.84365E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49180E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.31437E-04g/sq.ft.
                    Diffusion in from water table =    -0.48008E-04g/sq.ft.
               Total inflow at boundaries =    -0.84364E-04g/sq.ft.
               Mass discrepancy =    -0.75534E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25071    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.19938E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53108E-01g/sq.ft.
                    Diffusion in from water table =    -0.17766    g/sq.ft.
               Total inflow at boundaries =    -0.25071    g/sq.ft.
               Mass discrepancy =    -0.63074E-06g/sq.ft.


Polygon   2
At time =      93.00, total mass in vadose zone =    0.38079E-02g/sq.ft.
Mass in gas phase     =      0.16539E-03g/sq.ft.
Mass in liquid phase  =      0.23294E-03g/sq.ft.
Mass sorbed           =      0.34095E-02g/sq.ft.

Since last printout at time =      92.50
               Change in Total Mass =    -0.82573E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.48136E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.30770E-04g/sq.ft.
                    Diffusion in from water table =    -0.46989E-04g/sq.ft.
               Total inflow at boundaries =    -0.82573E-04g/sq.ft.
               Mass discrepancy =    -0.52751E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25079    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19943E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53139E-01g/sq.ft.
                    Diffusion in from water table =    -0.17771    g/sq.ft.
               Total inflow at boundaries =    -0.25079    g/sq.ft.
               Mass discrepancy =    -0.63656E-06g/sq.ft.


Polygon   2
At time =      93.50, total mass in vadose zone =    0.37270E-02g/sq.ft.
Mass in gas phase     =      0.16188E-03g/sq.ft.
Mass in liquid phase  =      0.22799E-03g/sq.ft.
Mass sorbed           =      0.33372E-02g/sq.ft.

Since last printout at time =      93.00
               Change in Total Mass =    -0.80820E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47114E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.30117E-04g/sq.ft.
                    Diffusion in from water table =    -0.45992E-04g/sq.ft.
               Total inflow at boundaries =    -0.80820E-04g/sq.ft.
               Mass discrepancy =     0.36380E-11g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25087    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19948E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53169E-01g/sq.ft.
                    Diffusion in from water table =    -0.17776    g/sq.ft.
               Total inflow at boundaries =    -0.25087    g/sq.ft.
               Mass discrepancy =    -0.62562E-06g/sq.ft.


Polygon   2
At time =      94.00, total mass in vadose zone =    0.36479E-02g/sq.ft.
Mass in gas phase     =      0.15844E-03g/sq.ft.
Mass in liquid phase  =      0.22316E-03g/sq.ft.
Mass sorbed           =      0.32663E-02g/sq.ft.
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```
Since last printout at time =      93.50
               Change in Total Mass =    -0.79105E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46114E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.29478E-04g/sq.ft.
                    Diffusion in from water table =    -0.45015E-04g/sq.ft.
               Total inflow at boundaries =    -0.79105E-04g/sq.ft.
               Mass discrepancy =    -0.44429E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25095    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19953E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53199E-01g/sq.ft.
                    Diffusion in from water table =    -0.17780    g/sq.ft.
               Total inflow at boundaries =    -0.25095    g/sq.ft.
               Mass discrepancy =    -0.64122E-06g/sq.ft.


Polygon   2
At time =      94.50, total mass in vadose zone =    0.35705E-02g/sq.ft.
Mass in gas phase     =      0.15508E-03g/sq.ft.
Mass in liquid phase  =      0.21842E-03g/sq.ft.
Mass sorbed           =      0.31970E-02g/sq.ft.

Since last printout at time =      94.00
               Change in Total Mass =    -0.77426E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45135E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.28853E-04g/sq.ft.
                    Diffusion in from water table =    -0.44060E-04g/sq.ft.
               Total inflow at boundaries =    -0.77426E-04g/sq.ft.
               Mass discrepancy =    -0.33197E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25103    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19957E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53228E-01g/sq.ft.
                    Diffusion in from water table =    -0.17784    g/sq.ft.
               Total inflow at boundaries =    -0.25103    g/sq.ft.
               Mass discrepancy =    -0.63726E-06g/sq.ft.


Polygon   2
At time =      95.00, total mass in vadose zone =    0.34947E-02g/sq.ft.
Mass in gas phase     =      0.15179E-03g/sq.ft.
Mass in liquid phase  =      0.21378E-03g/sq.ft.
Mass sorbed           =      0.31292E-02g/sq.ft.

Since last printout at time =      94.50
               Change in Total Mass =    -0.75782E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44177E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.28241E-04g/sq.ft.
                    Diffusion in from water table =    -0.43124E-04g/sq.ft.
               Total inflow at boundaries =    -0.75782E-04g/sq.ft.
               Mass discrepancy =     0.27558E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25111    g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19961E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53256E-01g/sq.ft.
                    Diffusion in from water table =    -0.17789    g/sq.ft.
               Total inflow at boundaries =    -0.25110    g/sq.ft.
               Mass discrepancy =    -0.63959E-06g/sq.ft.


Polygon   2
At time =      95.50, total mass in vadose zone =    0.34205E-02g/sq.ft.
Mass in gas phase     =      0.14856E-03g/sq.ft.
Mass in liquid phase  =      0.20925E-03g/sq.ft.
Mass sorbed           =      0.30627E-02g/sq.ft.

Since last printout at time =      95.00
               Change in Total Mass =    -0.74174E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43239E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.27641E-04g/sq.ft.
                    Diffusion in from water table =    -0.42209E-04g/sq.ft.
               Total inflow at boundaries =    -0.74174E-04g/sq.ft.
               Mass discrepancy =    -0.31832E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25118    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19966E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53283E-01g/sq.ft.
                    Diffusion in from water table =    -0.17793    g/sq.ft.
               Total inflow at boundaries =    -0.25118    g/sq.ft.
               Mass discrepancy =    -0.63586E-06g/sq.ft.


Polygon   2
At time =      96.00, total mass in vadose zone =    0.33479E-02g/sq.ft.
Mass in gas phase     =      0.14541E-03g/sq.ft.
Mass in liquid phase  =      0.20480E-03g/sq.ft.
Mass sorbed           =      0.29977E-02g/sq.ft.

Since last printout at time =      95.50
               Change in Total Mass =    -0.72600E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42321E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.27055E-04g/sq.ft.
                    Diffusion in from water table =    -0.41313E-04g/sq.ft.
               Total inflow at boundaries =    -0.72600E-04g/sq.ft.
               Mass discrepancy =    -0.65484E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25125    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19970E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53310E-01g/sq.ft.
                    Diffusion in from water table =    -0.17797    g/sq.ft.
               Total inflow at boundaries =    -0.25125    g/sq.ft.
               Mass discrepancy =    -0.63144E-06g/sq.ft.


Polygon   2
At time =      96.50, total mass in vadose zone =    0.32769E-02g/sq.ft.
Mass in gas phase     =      0.14232E-03g/sq.ft.
Mass in liquid phase  =      0.20046E-03g/sq.ft.
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Mass sorbed           =      0.29341E-02g/sq.ft.

Since last printout at time =      96.00
               Change in Total Mass =    -0.71059E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41423E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.26481E-04g/sq.ft.
                    Diffusion in from water table =    -0.40436E-04g/sq.ft.
               Total inflow at boundaries =    -0.71059E-04g/sq.ft.
               Mass discrepancy =    -0.61436E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25132    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19974E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53337E-01g/sq.ft.
                    Diffusion in from water table =    -0.17801    g/sq.ft.
               Total inflow at boundaries =    -0.25132    g/sq.ft.
               Mass discrepancy =    -0.63260E-06g/sq.ft.


Polygon   2
At time =      97.00, total mass in vadose zone =    0.32073E-02g/sq.ft.
Mass in gas phase     =      0.13930E-03g/sq.ft.
Mass in liquid phase  =      0.19620E-03g/sq.ft.
Mass sorbed           =      0.28718E-02g/sq.ft.

Since last printout at time =      96.50
               Change in Total Mass =    -0.69550E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40543E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.25919E-04g/sq.ft.
                    Diffusion in from water table =    -0.39577E-04g/sq.ft.
               Total inflow at boundaries =    -0.69550E-04g/sq.ft.
               Mass discrepancy =     0.11687E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25139    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19978E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53363E-01g/sq.ft.
                    Diffusion in from water table =    -0.17805    g/sq.ft.
               Total inflow at boundaries =    -0.25139    g/sq.ft.
               Mass discrepancy =    -0.63539E-06g/sq.ft.


Polygon   2
At time =      97.50, total mass in vadose zone =    0.31393E-02g/sq.ft.
Mass in gas phase     =      0.13635E-03g/sq.ft.
Mass in liquid phase  =      0.19204E-03g/sq.ft.
Mass sorbed           =      0.28109E-02g/sq.ft.

Since last printout at time =      97.00
               Change in Total Mass =    -0.68074E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39683E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.25369E-04g/sq.ft.
                    Diffusion in from water table =    -0.38737E-04g/sq.ft.
               Total inflow at boundaries =    -0.68074E-04g/sq.ft.
               Mass discrepancy =    -0.19327E-09g/sq.ft.

Since beginning of run at time = 0.0
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               Change in Total Mass =    -0.25146    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19982E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53388E-01g/sq.ft.
                    Diffusion in from water table =    -0.17809    g/sq.ft.
               Total inflow at boundaries =    -0.25146    g/sq.ft.
               Mass discrepancy =    -0.64494E-06g/sq.ft.


Polygon   2
At time =      98.00, total mass in vadose zone =    0.30726E-02g/sq.ft.
Mass in gas phase     =      0.13345E-03g/sq.ft.
Mass in liquid phase  =      0.18796E-03g/sq.ft.
Mass sorbed           =      0.27512E-02g/sq.ft.

Since last printout at time =      97.50
               Change in Total Mass =    -0.66629E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38840E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.24830E-04g/sq.ft.
                    Diffusion in from water table =    -0.37915E-04g/sq.ft.
               Total inflow at boundaries =    -0.66629E-04g/sq.ft.
               Mass discrepancy =    -0.14325E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25153    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19986E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53413E-01g/sq.ft.
                    Diffusion in from water table =    -0.17813    g/sq.ft.
               Total inflow at boundaries =    -0.25153    g/sq.ft.
               Mass discrepancy =    -0.63260E-06g/sq.ft.


Polygon   2
At time =      98.50, total mass in vadose zone =    0.30074E-02g/sq.ft.
Mass in gas phase     =      0.13062E-03g/sq.ft.
Mass in liquid phase  =      0.18397E-03g/sq.ft.
Mass sorbed           =      0.26928E-02g/sq.ft.

Since last printout at time =      98.00
               Change in Total Mass =    -0.65215E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38016E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.24303E-04g/sq.ft.
                    Diffusion in from water table =    -0.37110E-04g/sq.ft.
               Total inflow at boundaries =    -0.65215E-04g/sq.ft.
               Mass discrepancy =    -0.37517E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25159    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19990E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53437E-01g/sq.ft.
                    Diffusion in from water table =    -0.17816    g/sq.ft.
               Total inflow at boundaries =    -0.25159    g/sq.ft.
               Mass discrepancy =    -0.64238E-06g/sq.ft.


Polygon   2
At time =      99.00, total mass in vadose zone =    0.29436E-02g/sq.ft.
Mass in gas phase     =      0.12785E-03g/sq.ft.
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Mass in liquid phase  =      0.18007E-03g/sq.ft.
Mass sorbed           =      0.26357E-02g/sq.ft.

Since last printout at time =      98.50
               Change in Total Mass =    -0.63831E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37209E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.23788E-04g/sq.ft.
                    Diffusion in from water table =    -0.36322E-04g/sq.ft.
               Total inflow at boundaries =    -0.63831E-04g/sq.ft.
               Mass discrepancy =     0.65938E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25166    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19994E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53461E-01g/sq.ft.
                    Diffusion in from water table =    -0.17820    g/sq.ft.
               Total inflow at boundaries =    -0.25166    g/sq.ft.
               Mass discrepancy =    -0.65146E-06g/sq.ft.


Polygon   2
At time =      99.50, total mass in vadose zone =    0.28811E-02g/sq.ft.
Mass in gas phase     =      0.12514E-03g/sq.ft.
Mass in liquid phase  =      0.17625E-03g/sq.ft.
Mass sorbed           =      0.25797E-02g/sq.ft.

Since last printout at time =      99.00
               Change in Total Mass =    -0.62476E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36419E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.23283E-04g/sq.ft.
                    Diffusion in from water table =    -0.35551E-04g/sq.ft.
               Total inflow at boundaries =    -0.62476E-04g/sq.ft.
               Mass discrepancy =    -0.13983E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25172    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19997E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53484E-01g/sq.ft.
                    Diffusion in from water table =    -0.17824    g/sq.ft.
               Total inflow at boundaries =    -0.25172    g/sq.ft.
               Mass discrepancy =    -0.66380E-06g/sq.ft.


Polygon   2
At time =     100.00, total mass in vadose zone =    0.28200E-02g/sq.ft.
Mass in gas phase     =      0.12248E-03g/sq.ft.
Mass in liquid phase  =      0.17251E-03g/sq.ft.
Mass sorbed           =      0.25250E-02g/sq.ft.

Since last printout at time =      99.50
               Change in Total Mass =    -0.61150E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35646E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.22789E-04g/sq.ft.
                    Diffusion in from water table =    -0.34797E-04g/sq.ft.
               Total inflow at boundaries =    -0.61150E-04g/sq.ft.
               Mass discrepancy =    -0.22123E-09g/sq.ft.
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Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25178    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20001E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53507E-01g/sq.ft.
                    Diffusion in from water table =    -0.17827    g/sq.ft.
               Total inflow at boundaries =    -0.25178    g/sq.ft.
               Mass discrepancy =    -0.66706E-06g/sq.ft.
```

GROUNDWATER IMPACT OF POLYGON 2

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
0.50	0.17439E-01	22.599
1.00	0.15546E-01	20.146
1.50	0.14096E-01	18.267
2.00	0.12960E-01	16.795
2.50	0.12045E-01	15.610
3.00	0.11289E-01	14.629
3.50	0.10646E-01	13.796
4.00	0.10085E-01	13.069
4.50	0.95855E-02	12.422
5.00	0.91320E-02	11.834
5.50	0.87146E-02	11.293
6.00	0.83263E-02	10.790
6.50	0.79623E-02	10.318
7.00	0.76194E-02	9.8741
7.50	0.72952E-02	9.4539
8.00	0.69880E-02	9.0559
8.50	0.66966E-02	8.6782
9.00	0.64200E-02	8.3197
9.50	0.61573E-02	7.9793
10.00	0.59079E-02	7.6561
10.50	0.56711E-02	7.3492
11.00	0.54463E-02	7.0579
11.50	0.52329E-02	6.7814
12.00	0.50304E-02	6.5189
12.50	0.48381E-02	6.2698
13.00	0.46557E-02	6.0334
13.50	0.44825E-02	5.8089
14.00	0.43181E-02	5.5958
14.50	0.41619E-02	5.3935
15.00	0.40136E-02	5.2012
15.50	0.38726E-02	5.0185
16.00	0.37385E-02	4.8448
16.50	0.36110E-02	4.6795
17.00	0.34896E-02	4.5222
17.50	0.33740E-02	4.3724
18.00	0.32639E-02	4.2297
18.50	0.31589E-02	4.0936
19.00	0.30586E-02	3.9637
19.50	0.29630E-02	3.8397
20.00	0.28715E-02	3.7212
20.50	0.27841E-02	3.6080
21.00	0.27005E-02	3.4996
21.50	0.26204E-02	3.3958
22.00	0.25437E-02	3.2964
22.50	0.24701E-02	3.2011
23.00	0.23996E-02	3.1096
23.50	0.23318E-02	3.0218
24.00	0.22667E-02	2.9375
24.50	0.22041E-02	2.8564

25.00	0.21439E-02	2.7783
25.50	0.20860E-02	2.7032
26.00	0.20302E-02	2.6309
26.50	0.19764E-02	2.5612
27.00	0.19245E-02	2.4939
27.50	0.18744E-02	2.4291
28.00	0.18261E-02	2.3664
28.50	0.17794E-02	2.3059
29.00	0.17343E-02	2.2474
29.50	0.16906E-02	2.1909
30.00	0.16484E-02	2.1362
30.50	0.16075E-02	2.0832
31.00	0.15679E-02	2.0319
31.50	0.15296E-02	1.9822
32.00	0.14924E-02	1.9341
32.50	0.14564E-02	1.8874
33.00	0.14214E-02	1.8421
33.50	0.13875E-02	1.7981
34.00	0.13546E-02	1.7554
34.50	0.13226E-02	1.7139
35.00	0.12915E-02	1.6737
35.50	0.12613E-02	1.6345
36.00	0.12319E-02	1.5965
36.50	0.12034E-02	1.5595
37.00	0.11756E-02	1.5235
37.50	0.11486E-02	1.4884
38.00	0.11223E-02	1.4543
38.50	0.10966E-02	1.4212
39.00	0.10717E-02	1.3888
39.50	0.10474E-02	1.3574
40.00	0.10238E-02	1.3267
40.50	0.10007E-02	1.2968
41.00	0.97822E-03	1.2677
41.50	0.95631E-03	1.2393
42.00	0.93494E-03	1.2116
42.50	0.91411E-03	1.1846
43.00	0.89379E-03	1.1583
43.50	0.87396E-03	1.1326
44.00	0.85462E-03	1.1075
44.50	0.83574E-03	1.0830
45.00	0.81732E-03	1.0592
45.50	0.79933E-03	1.0359
46.00	0.78178E-03	1.0131
46.50	0.76464E-03	0.99090
47.00	0.74790E-03	0.96921
47.50	0.73155E-03	0.94802
48.00	0.71558E-03	0.92733
48.50	0.69999E-03	0.90712
49.00	0.68475E-03	0.88737
49.50	0.66986E-03	0.86808
50.00	0.65532E-03	0.84923
50.50	0.64111E-03	0.83082
51.00	0.62722E-03	0.81282
51.50	0.61364E-03	0.79522
52.00	0.60037E-03	0.77803
52.50	0.58740E-03	0.76122
53.00	0.57473E-03	0.74479
53.50	0.56233E-03	0.72873
54.00	0.55022E-03	0.71303
54.50	0.53837E-03	0.69768
55.00	0.52679E-03	0.68267
55.50	0.51546E-03	0.66799

56.00	0.50438E-03	0.65364
56.50	0.49355E-03	0.63960
57.00	0.48296E-03	0.62587
57.50	0.47260E-03	0.61245
58.00	0.46247E-03	0.59932
58.50	0.45256E-03	0.58648
59.00	0.44287E-03	0.57392
59.50	0.43339E-03	0.56163
60.00	0.42411E-03	0.54961
60.50	0.41504E-03	0.53786
61.00	0.40617E-03	0.52636
61.50	0.39749E-03	0.51511
62.00	0.38900E-03	0.50410
62.50	0.38069E-03	0.49334
63.00	0.37256E-03	0.48280
63.50	0.36461E-03	0.47250
64.00	0.35683E-03	0.46242
64.50	0.34922E-03	0.45255
65.00	0.34177E-03	0.44290
65.50	0.33448E-03	0.43346
66.00	0.32735E-03	0.42422
66.50	0.32037E-03	0.41518
67.00	0.31355E-03	0.40633
67.50	0.30687E-03	0.39767
68.00	0.30033E-03	0.38920
68.50	0.29394E-03	0.38091
69.00	0.28768E-03	0.37280
69.50	0.28155E-03	0.36487
70.00	0.27556E-03	0.35710
70.50	0.26969E-03	0.34950
71.00	0.26396E-03	0.34206
71.50	0.25834E-03	0.33479
72.00	0.25284E-03	0.32766
72.50	0.24747E-03	0.32069
73.00	0.24220E-03	0.31387
73.50	0.23705E-03	0.30720
74.00	0.23201E-03	0.30066
74.50	0.22708E-03	0.29427
75.00	0.22225E-03	0.28802
75.50	0.21752E-03	0.28189
76.00	0.21290E-03	0.27590
76.50	0.20838E-03	0.27004
77.00	0.20395E-03	0.26430
77.50	0.19961E-03	0.25868
78.00	0.19537E-03	0.25318
78.50	0.19122E-03	0.24780
79.00	0.18716E-03	0.24254
79.50	0.18318E-03	0.23738
80.00	0.17929E-03	0.23234
80.50	0.17548E-03	0.22740
81.00	0.17175E-03	0.22257
81.50	0.16810E-03	0.21785
82.00	0.16453E-03	0.21322
82.50	0.16104E-03	0.20869
83.00	0.15762E-03	0.20426
83.50	0.15427E-03	0.19992
84.00	0.15099E-03	0.19567
84.50	0.14779E-03	0.19152
85.00	0.14465E-03	0.18745
85.50	0.14158E-03	0.18347
86.00	0.13857E-03	0.17957
86.50	0.13563E-03	0.17576

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     87.00         0.13275E-03               0.17203
     87.50         0.12993E-03               0.16837
     88.00         0.12717E-03               0.16480
     88.50         0.12447E-03               0.16130
     89.00         0.12183E-03               0.15788
     89.50         0.11924E-03               0.15452
     90.00         0.11671E-03               0.15124
     90.50         0.11423E-03               0.14803
     91.00         0.11180E-03               0.14489
     91.50         0.10943E-03               0.14181
     92.00         0.10711E-03               0.13880
     92.50         0.10483E-03               0.13585
     93.00         0.10261E-03               0.13297
     93.50         0.10043E-03               0.13015
     94.00         0.98298E-04               0.12738
     94.50         0.96211E-04               0.12468
     95.00         0.94168E-04               0.12203
     95.50         0.92169E-04               0.11944
     96.00         0.90213E-04               0.11691
     96.50         0.88298E-04               0.11443
     97.00         0.86423E-04               0.11200
     97.50         0.84589E-04               0.10962
     98.00         0.82793E-04               0.10729
     98.50         0.81036E-04               0.10501
     99.00         0.79315E-04               0.10279
     99.50         0.77632E-04               0.10060
    100.00         0.75984E-04               0.98468E-01
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Polygon   3
At time =       0.00, total mass in vadose zone =    0.24561    g/sq.ft.
Mass in gas phase     =      0.10668E-01g/sq.ft.
Mass in liquid phase  =      0.15025E-01g/sq.ft.
Mass sorbed           =      0.21992    g/sq.ft.


Polygon   3
At time =       0.50, total mass in vadose zone =    0.23689    g/sq.ft.
Mass in gas phase     =      0.10289E-01g/sq.ft.
Mass in liquid phase  =      0.14491E-01g/sq.ft.
Mass sorbed           =      0.21211    g/sq.ft.

Since last printout at time =       0.00
               Change in Total Mass =    -0.87207E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27215E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.22554E-03g/sq.ft.
                    Diffusion in from water table =    -0.82230E-02g/sq.ft.
               Total inflow at boundaries =    -0.87207E-02g/sq.ft.
               Mass discrepancy =    -0.72323E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.87207E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27215E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.22554E-03g/sq.ft.
                    Diffusion in from water table =    -0.82230E-02g/sq.ft.
               Total inflow at boundaries =    -0.87207E-02g/sq.ft.
               Mass discrepancy =    -0.72323E-08g/sq.ft.
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Polygon   3
At time =       1.00, total mass in vadose zone =    0.22763    g/sq.ft.
Mass in gas phase     =      0.98864E-02g/sq.ft.
Mass in liquid phase  =      0.13925E-01g/sq.ft.
Mass sorbed           =      0.20381    g/sq.ft.

Since last printout at time =       0.50
               Change in Total Mass =    -0.92626E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52580E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.21472E-03g/sq.ft.
                    Diffusion in from water table =    -0.85221E-02g/sq.ft.
               Total inflow at boundaries =    -0.92626E-02g/sq.ft.
               Mass discrepancy =    -0.97934E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17983E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.79795E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.44026E-03g/sq.ft.
                    Diffusion in from water table =    -0.16745E-01g/sq.ft.
               Total inflow at boundaries =    -0.17983E-01g/sq.ft.
               Mass discrepancy =    -0.18917E-07g/sq.ft.


Polygon   3
At time =       1.50, total mass in vadose zone =    0.21826    g/sq.ft.
Mass in gas phase     =      0.94796E-02g/sq.ft.
Mass in liquid phase  =      0.13352E-01g/sq.ft.
Mass sorbed           =      0.19543    g/sq.ft.

Since last printout at time =       1.00
               Change in Total Mass =    -0.93675E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67349E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.20920E-03g/sq.ft.
                    Diffusion in from water table =    -0.84848E-02g/sq.ft.
               Total inflow at boundaries =    -0.93675E-02g/sq.ft.
               Mass discrepancy =     0.68394E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27351E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14714E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.64946E-03g/sq.ft.
                    Diffusion in from water table =    -0.25230E-01g/sq.ft.
               Total inflow at boundaries =    -0.27351E-01g/sq.ft.
               Mass discrepancy =    -0.16415E-07g/sq.ft.


Polygon   3
At time =       2.00, total mass in vadose zone =    0.20906    g/sq.ft.
Mass in gas phase     =      0.90802E-02g/sq.ft.
Mass in liquid phase  =      0.12789E-01g/sq.ft.
Mass sorbed           =      0.18719    g/sq.ft.

Since last printout at time =       1.50
               Change in Total Mass =    -0.91951E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.74962E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.20798E-03g/sq.ft.
                    Diffusion in from water table =    -0.82375E-02g/sq.ft.
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               Total inflow at boundaries =    -0.91951E-02g/sq.ft.
               Mass discrepancy =    -0.42783E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.36546E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22211E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.85744E-03g/sq.ft.
                    Diffusion in from water table =    -0.33467E-01g/sq.ft.
               Total inflow at boundaries =    -0.36546E-01g/sq.ft.
               Mass discrepancy =    -0.24680E-07g/sq.ft.


Polygon   3
At time =       2.50, total mass in vadose zone =    0.20021    g/sq.ft.
Mass in gas phase     =      0.86956E-02g/sq.ft.
Mass in liquid phase  =      0.12247E-01g/sq.ft.
Mass sorbed           =      0.17926    g/sq.ft.

Since last printout at time =       2.00
               Change in Total Mass =    -0.88551E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77824E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.21025E-03g/sq.ft.
                    Diffusion in from water table =    -0.78667E-02g/sq.ft.
               Total inflow at boundaries =    -0.88551E-02g/sq.ft.
               Mass discrepancy =     0.14115E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45401E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29993E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.10677E-02g/sq.ft.
                    Diffusion in from water table =    -0.41334E-01g/sq.ft.
               Total inflow at boundaries =    -0.45401E-01g/sq.ft.
               Mass discrepancy =    -0.24098E-07g/sq.ft.


Polygon   3
At time =       3.00, total mass in vadose zone =    0.19179    g/sq.ft.
Mass in gas phase     =      0.83298E-02g/sq.ft.
Mass in liquid phase  =      0.11732E-01g/sq.ft.
Mass sorbed           =      0.17172    g/sq.ft.

Since last printout at time =       2.50
               Change in Total Mass =    -0.84216E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77603E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.21530E-03g/sq.ft.
                    Diffusion in from water table =    -0.74303E-02g/sq.ft.
               Total inflow at boundaries =    -0.84216E-02g/sq.ft.
               Mass discrepancy =    -0.65629E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.53823E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37753E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.12830E-02g/sq.ft.
                    Diffusion in from water table =    -0.48764E-01g/sq.ft.
               Total inflow at boundaries =    -0.53823E-01g/sq.ft.
               Mass discrepancy =    -0.34925E-07g/sq.ft.
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```
Polygon   3
At time =       3.50, total mass in vadose zone =    0.18384    g/sq.ft.
Mass in gas phase     =      0.79848E-02g/sq.ft.
Mass in liquid phase  =      0.11246E-01g/sq.ft.
Mass sorbed           =      0.16461    g/sq.ft.

Since last printout at time =       3.00
               Change in Total Mass =    -0.79440E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.75453E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.22257E-03g/sq.ft.
                    Diffusion in from water table =    -0.69669E-02g/sq.ft.
               Total inflow at boundaries =    -0.79440E-02g/sq.ft.
               Mass discrepancy =     0.39290E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.61767E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45299E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.15056E-02g/sq.ft.
                    Diffusion in from water table =    -0.55731E-01g/sq.ft.
               Total inflow at boundaries =    -0.61767E-01g/sq.ft.
               Mass discrepancy =    -0.36089E-07g/sq.ft.


Polygon   3
At time =       4.00, total mass in vadose zone =    0.17639    g/sq.ft.
Mass in gas phase     =      0.76610E-02g/sq.ft.
Mass in liquid phase  =      0.10790E-01g/sq.ft.
Mass sorbed           =      0.15794    g/sq.ft.

Since last printout at time =       3.50
               Change in Total Mass =    -0.74546E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.72160E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.23155E-03g/sq.ft.
                    Diffusion in from water table =    -0.65014E-02g/sq.ft.
               Total inflow at boundaries =    -0.74546E-02g/sq.ft.
               Mass discrepancy =    -0.20373E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.69221E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52515E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.17371E-02g/sq.ft.
                    Diffusion in from water table =    -0.62233E-01g/sq.ft.
               Total inflow at boundaries =    -0.69221E-01g/sq.ft.
               Mass discrepancy =    -0.39116E-07g/sq.ft.


Polygon   3
At time =       4.50, total mass in vadose zone =    0.16941    g/sq.ft.
Mass in gas phase     =      0.73581E-02g/sq.ft.
Mass in liquid phase  =      0.10364E-01g/sq.ft.
Mass sorbed           =      0.15169    g/sq.ft.

Since last printout at time =       4.00
               Change in Total Mass =    -0.69738E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68254E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.24183E-03g/sq.ft.
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                    Diffusion in from water table =    -0.60494E-02g/sq.ft.
               Total inflow at boundaries =    -0.69738E-02g/sq.ft.
               Mass discrepancy =    -0.77853E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.76195E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59340E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.19789E-02g/sq.ft.
                    Diffusion in from water table =    -0.68282E-01g/sq.ft.
               Total inflow at boundaries =    -0.76195E-01g/sq.ft.
               Mass discrepancy =    -0.36787E-07g/sq.ft.


Polygon   3
At time =       5.00, total mass in vadose zone =    0.16290    g/sq.ft.
Mass in gas phase     =      0.70752E-02g/sq.ft.
Mass in liquid phase  =      0.99651E-02g/sq.ft.
Mass sorbed           =      0.14586    g/sq.ft.

Since last printout at time =       4.50
               Change in Total Mass =    -0.65140E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64089E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.25304E-03g/sq.ft.
                    Diffusion in from water table =    -0.56200E-02g/sq.ft.
               Total inflow at boundaries =    -0.65140E-02g/sq.ft.
               Mass discrepancy =    -0.17782E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.82709E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65749E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.22320E-02g/sq.ft.
                    Diffusion in from water table =    -0.73902E-01g/sq.ft.
               Total inflow at boundaries =    -0.82709E-01g/sq.ft.
               Mass discrepancy =    -0.47265E-07g/sq.ft.


Polygon   3
At time =       5.50, total mass in vadose zone =    0.15682    g/sq.ft.
Mass in gas phase     =      0.68111E-02g/sq.ft.
Mass in liquid phase  =      0.95930E-02g/sq.ft.
Mass sorbed           =      0.14041    g/sq.ft.

Since last printout at time =       5.00
               Change in Total Mass =    -0.60820E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59893E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.26488E-03g/sq.ft.
                    Diffusion in from water table =    -0.52182E-02g/sq.ft.
               Total inflow at boundaries =    -0.60820E-02g/sq.ft.
               Mass discrepancy =     0.24738E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.88791E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71738E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.24968E-02g/sq.ft.
                    Diffusion in from water table =    -0.79120E-01g/sq.ft.
               Total inflow at boundaries =    -0.88791E-01g/sq.ft.
               Mass discrepancy =    -0.48662E-07g/sq.ft.
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Polygon   3
At time =       6.00, total mass in vadose zone =    0.15114    g/sq.ft.
Mass in gas phase     =      0.65643E-02g/sq.ft.
Mass in liquid phase  =      0.92455E-02g/sq.ft.
Mass sorbed           =      0.13533    g/sq.ft.

Since last printout at time =       5.50
               Change in Total Mass =    -0.56811E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55810E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.27708E-03g/sq.ft.
                    Diffusion in from water table =    -0.48459E-02g/sq.ft.
               Total inflow at boundaries =    -0.56811E-02g/sq.ft.
               Mass discrepancy =    -0.15600E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.94472E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77319E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.27739E-02g/sq.ft.
                    Diffusion in from water table =    -0.83966E-01g/sq.ft.
               Total inflow at boundaries =    -0.94472E-01g/sq.ft.
               Mass discrepancy =    -0.63796E-07g/sq.ft.


Polygon   3
At time =       6.50, total mass in vadose zone =    0.14582    g/sq.ft.
Mass in gas phase     =      0.63336E-02g/sq.ft.
Mass in liquid phase  =      0.89206E-02g/sq.ft.
Mass sorbed           =      0.13057    g/sq.ft.

Since last printout at time =       6.00
               Change in Total Mass =    -0.53121E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51923E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.28943E-03g/sq.ft.
                    Diffusion in from water table =    -0.45035E-02g/sq.ft.
               Total inflow at boundaries =    -0.53121E-02g/sq.ft.
               Mass discrepancy =    -0.65775E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.99784E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82512E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.30634E-02g/sq.ft.
                    Diffusion in from water table =    -0.88470E-01g/sq.ft.
               Total inflow at boundaries =    -0.99784E-01g/sq.ft.
               Mass discrepancy =    -0.62399E-07g/sq.ft.


Polygon   3
At time =       7.00, total mass in vadose zone =    0.14085    g/sq.ft.
Mass in gas phase     =      0.61175E-02g/sq.ft.
Mass in liquid phase  =      0.86163E-02g/sq.ft.
Mass sorbed           =      0.12612    g/sq.ft.

Since last printout at time =       6.50
               Change in Total Mass =    -0.49744E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.48280E-03g/sq.ft.
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                    Diffusion in from atmosphere =     -0.30174E-03g/sq.ft.
                    Diffusion in from water table =    -0.41899E-02g/sq.ft.
               Total inflow at boundaries =    -0.49744E-02g/sq.ft.
               Mass discrepancy =     0.66939E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.10476    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.87340E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.33651E-02g/sq.ft.
                    Diffusion in from water table =    -0.92660E-01g/sq.ft.
               Total inflow at boundaries =    -0.10476    g/sq.ft.
               Mass discrepancy =    -0.49593E-07g/sq.ft.


Polygon   3
At time =       7.50, total mass in vadose zone =    0.13618    g/sq.ft.
Mass in gas phase     =      0.59149E-02g/sq.ft.
Mass in liquid phase  =      0.83308E-02g/sq.ft.
Mass sorbed           =      0.12194    g/sq.ft.

Since last printout at time =       7.00
               Change in Total Mass =    -0.46664E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44900E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.31384E-03g/sq.ft.
                    Diffusion in from water table =    -0.39036E-02g/sq.ft.
               Total inflow at boundaries =    -0.46665E-02g/sq.ft.
               Mass discrepancy =     0.14348E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.10943    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91830E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.36789E-02g/sq.ft.
                    Diffusion in from water table =    -0.96563E-01g/sq.ft.
               Total inflow at boundaries =    -0.10943    g/sq.ft.
               Mass discrepancy =    -0.35856E-07g/sq.ft.


Polygon   3
At time =       8.00, total mass in vadose zone =    0.13180    g/sq.ft.
Mass in gas phase     =      0.57244E-02g/sq.ft.
Mass in liquid phase  =      0.80625E-02g/sq.ft.
Mass sorbed           =      0.11801    g/sq.ft.

Since last printout at time =       7.50
               Change in Total Mass =    -0.43862E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41786E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.32560E-03g/sq.ft.
                    Diffusion in from water table =    -0.36428E-02g/sq.ft.
               Total inflow at boundaries =    -0.43862E-02g/sq.ft.
               Mass discrepancy =    -0.35216E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.11381    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96008E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.40045E-02g/sq.ft.
                    Diffusion in from water table =    -0.10021    g/sq.ft.
               Total inflow at boundaries =    -0.11381    g/sq.ft.
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               Mass discrepancy =    -0.40047E-07g/sq.ft.


Polygon   3
At time =       8.50, total mass in vadose zone =    0.12767    g/sq.ft.
Mass in gas phase     =      0.55449E-02g/sq.ft.
Mass in liquid phase  =      0.78097E-02g/sq.ft.
Mass sorbed           =      0.11431    g/sq.ft.

Since last printout at time =       8.00
               Change in Total Mass =    -0.41315E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38930E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.33693E-03g/sq.ft.
                    Diffusion in from water table =    -0.34053E-02g/sq.ft.
               Total inflow at boundaries =    -0.41315E-02g/sq.ft.
               Mass discrepancy =    -0.10303E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.11794    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99901E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.43415E-02g/sq.ft.
                    Diffusion in from water table =    -0.10361    g/sq.ft.
               Total inflow at boundaries =    -0.11794    g/sq.ft.
               Mass discrepancy =    -0.53551E-07g/sq.ft.


Polygon   3
At time =       9.00, total mass in vadose zone =    0.12377    g/sq.ft.
Mass in gas phase     =      0.53755E-02g/sq.ft.
Mass in liquid phase  =      0.75712E-02g/sq.ft.
Mass sorbed           =      0.11082    g/sq.ft.

Since last printout at time =       8.50
               Change in Total Mass =    -0.39000E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36320E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.34773E-03g/sq.ft.
                    Diffusion in from water table =    -0.31891E-02g/sq.ft.
               Total inflow at boundaries =    -0.39000E-02g/sq.ft.
               Mass discrepancy =     0.32596E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.12184    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10353E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.46892E-02g/sq.ft.
                    Diffusion in from water table =    -0.10680    g/sq.ft.
               Total inflow at boundaries =    -0.12184    g/sq.ft.
               Mass discrepancy =    -0.52620E-07g/sq.ft.


Polygon   3
At time =       9.50, total mass in vadose zone =    0.12008    g/sq.ft.
Mass in gas phase     =      0.52153E-02g/sq.ft.
Mass in liquid phase  =      0.73455E-02g/sq.ft.
Mass sorbed           =      0.10752    g/sq.ft.

Since last printout at time =       9.00
               Change in Total Mass =    -0.36894E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.33939E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.35793E-03g/sq.ft.
                    Diffusion in from water table =    -0.29921E-02g/sq.ft.
               Total inflow at boundaries =    -0.36894E-02g/sq.ft.
               Mass discrepancy =    -0.88185E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.12553    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10693E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50471E-02g/sq.ft.
                    Diffusion in from water table =    -0.10979    g/sq.ft.
               Total inflow at boundaries =    -0.12553    g/sq.ft.
               Mass discrepancy =    -0.55879E-07g/sq.ft.


Polygon   3
At time =      10.00, total mass in vadose zone =    0.11658    g/sq.ft.
Mass in gas phase     =      0.50634E-02g/sq.ft.
Mass in liquid phase  =      0.71315E-02g/sq.ft.
Mass sorbed           =      0.10438    g/sq.ft.

Since last printout at time =       9.50
               Change in Total Mass =    -0.34977E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31767E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.36747E-03g/sq.ft.
                    Diffusion in from water table =    -0.28126E-02g/sq.ft.
               Total inflow at boundaries =    -0.34977E-02g/sq.ft.
               Mass discrepancy =     0.42201E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.12903    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11010E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.54146E-02g/sq.ft.
                    Diffusion in from water table =    -0.11260    g/sq.ft.
               Total inflow at boundaries =    -0.12903    g/sq.ft.
               Mass discrepancy =    -0.56345E-07g/sq.ft.


Polygon   3
At time =      10.50, total mass in vadose zone =    0.11326    g/sq.ft.
Mass in gas phase     =      0.49190E-02g/sq.ft.
Mass in liquid phase  =      0.69282E-02g/sq.ft.
Mass sorbed           =      0.10141    g/sq.ft.

Since last printout at time =      10.00
               Change in Total Mass =    -0.33229E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29788E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.37633E-03g/sq.ft.
                    Diffusion in from water table =    -0.26487E-02g/sq.ft.
               Total inflow at boundaries =    -0.33229E-02g/sq.ft.
               Mass discrepancy =    -0.11671E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.13235    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11308E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.57909E-02g/sq.ft.
                    Diffusion in from water table =    -0.11525    g/sq.ft.
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               Total inflow at boundaries =    -0.13235    g/sq.ft.
               Mass discrepancy =    -0.66124E-07g/sq.ft.


Polygon   3
At time =      11.00, total mass in vadose zone =    0.11009    g/sq.ft.
Mass in gas phase     =      0.47817E-02g/sq.ft.
Mass in liquid phase  =      0.67347E-02g/sq.ft.
Mass sorbed           =      0.98577E-01g/sq.ft.

Since last printout at time =      10.50
               Change in Total Mass =    -0.31631E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27983E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.38448E-03g/sq.ft.
                    Diffusion in from water table =    -0.24988E-02g/sq.ft.
               Total inflow at boundaries =    -0.31631E-02g/sq.ft.
               Mass discrepancy =    -0.64028E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.13552    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11588E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.61754E-02g/sq.ft.
                    Diffusion in from water table =    -0.11775    g/sq.ft.
               Total inflow at boundaries =    -0.13552    g/sq.ft.
               Mass discrepancy =    -0.67521E-07g/sq.ft.


Polygon   3
At time =      11.50, total mass in vadose zone =    0.10708    g/sq.ft.
Mass in gas phase     =      0.46506E-02g/sq.ft.
Mass in liquid phase  =      0.65502E-02g/sq.ft.
Mass sorbed           =      0.95875E-01g/sq.ft.

Since last printout at time =      11.00
               Change in Total Mass =    -0.30169E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26335E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.39189E-03g/sq.ft.
                    Diffusion in from water table =    -0.23616E-02g/sq.ft.
               Total inflow at boundaries =    -0.30168E-02g/sq.ft.
               Mass discrepancy =    -0.11176E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.13853    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11851E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.65673E-02g/sq.ft.
                    Diffusion in from water table =    -0.12011    g/sq.ft.
               Total inflow at boundaries =    -0.13853    g/sq.ft.
               Mass discrepancy =    -0.75437E-07g/sq.ft.


Polygon   3
At time =      12.00, total mass in vadose zone =    0.10419    g/sq.ft.
Mass in gas phase     =      0.45254E-02g/sq.ft.
Mass in liquid phase  =      0.63738E-02g/sq.ft.
Mass sorbed           =      0.93294E-01g/sq.ft.

Since last printout at time =      11.50
               Change in Total Mass =    -0.28826E-02g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24829E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.39857E-03g/sq.ft.
                    Diffusion in from water table =    -0.22357E-02g/sq.ft.
               Total inflow at boundaries =    -0.28826E-02g/sq.ft.
               Mass discrepancy =     0.73633E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14142    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12100E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.69659E-02g/sq.ft.
                    Diffusion in from water table =    -0.12235    g/sq.ft.
               Total inflow at boundaries =    -0.14142    g/sq.ft.
               Mass discrepancy =    -0.65193E-07g/sq.ft.


Polygon   3
At time =      12.50, total mass in vadose zone =    0.10143    g/sq.ft.
Mass in gas phase     =      0.44056E-02g/sq.ft.
Mass in liquid phase  =      0.62051E-02g/sq.ft.
Mass sorbed           =      0.90824E-01g/sq.ft.

Since last printout at time =      12.00
               Change in Total Mass =    -0.27591E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23450E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.40450E-03g/sq.ft.
                    Diffusion in from water table =    -0.21201E-02g/sq.ft.
               Total inflow at boundaries =    -0.27591E-02g/sq.ft.
               Mass discrepancy =    -0.12296E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14417    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12334E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.73704E-02g/sq.ft.
                    Diffusion in from water table =    -0.12447    g/sq.ft.
               Total inflow at boundaries =    -0.14417    g/sq.ft.
               Mass discrepancy =    -0.91735E-07g/sq.ft.


Polygon   3
At time =      13.00, total mass in vadose zone =    0.98789E-01g/sq.ft.
Mass in gas phase     =      0.42907E-02g/sq.ft.
Mass in liquid phase  =      0.60433E-02g/sq.ft.
Mass sorbed           =      0.88455E-01g/sq.ft.

Since last printout at time =      12.50
               Change in Total Mass =    -0.26451E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22186E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.40971E-03g/sq.ft.
                    Diffusion in from water table =    -0.20135E-02g/sq.ft.
               Total inflow at boundaries =    -0.26451E-02g/sq.ft.
               Mass discrepancy =    -0.52387E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14682    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12556E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.77801E-02g/sq.ft.
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                    Diffusion in from water table =    -0.12648    g/sq.ft.
               Total inflow at boundaries =    -0.14682    g/sq.ft.
               Mass discrepancy =    -0.92201E-07g/sq.ft.


Polygon   3
At time =      13.50, total mass in vadose zone =    0.96250E-01g/sq.ft.
Mass in gas phase     =      0.41804E-02g/sq.ft.
Mass in liquid phase  =      0.58879E-02g/sq.ft.
Mass sorbed           =      0.86181E-01g/sq.ft.

Since last printout at time =      13.00
               Change in Total Mass =    -0.25397E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21025E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.41420E-03g/sq.ft.
                    Diffusion in from water table =    -0.19152E-02g/sq.ft.
               Total inflow at boundaries =    -0.25397E-02g/sq.ft.
               Mass discrepancy =    -0.27940E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14936    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12766E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.81943E-02g/sq.ft.
                    Diffusion in from water table =    -0.12840    g/sq.ft.
               Total inflow at boundaries =    -0.14936    g/sq.ft.
               Mass discrepancy =    -0.82888E-07g/sq.ft.


Polygon   3
At time =      14.00, total mass in vadose zone =    0.93808E-01g/sq.ft.
Mass in gas phase     =      0.40743E-02g/sq.ft.
Mass in liquid phase  =      0.57385E-02g/sq.ft.
Mass sorbed           =      0.83995E-01g/sq.ft.

Since last printout at time =      13.50
               Change in Total Mass =    -0.24419E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19957E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.41798E-03g/sq.ft.
                    Diffusion in from water table =    -0.18243E-02g/sq.ft.
               Total inflow at boundaries =    -0.24419E-02g/sq.ft.
               Mass discrepancy =     0.18772E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15180    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12966E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.86123E-02g/sq.ft.
                    Diffusion in from water table =    -0.13022    g/sq.ft.
               Total inflow at boundaries =    -0.15180    g/sq.ft.
               Mass discrepancy =    -0.54948E-07g/sq.ft.


Polygon   3
At time =      14.50, total mass in vadose zone =    0.91457E-01g/sq.ft.
Mass in gas phase     =      0.39722E-02g/sq.ft.
Mass in liquid phase  =      0.55947E-02g/sq.ft.
Mass sorbed           =      0.81890E-01g/sq.ft.

Since last printout at time =      14.00
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               Change in Total Mass =    -0.23510E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18972E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42109E-03g/sq.ft.
                    Diffusion in from water table =    -0.17402E-02g/sq.ft.
               Total inflow at boundaries =    -0.23510E-02g/sq.ft.
               Mass discrepancy =    -0.16880E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15415    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13156E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.90333E-02g/sq.ft.
                    Diffusion in from water table =    -0.13196    g/sq.ft.
               Total inflow at boundaries =    -0.15415    g/sq.ft.
               Mass discrepancy =    -0.49360E-07g/sq.ft.


Polygon   3
At time =      15.00, total mass in vadose zone =    0.89191E-01g/sq.ft.
Mass in gas phase     =      0.38738E-02g/sq.ft.
Mass in liquid phase  =      0.54561E-02g/sq.ft.
Mass sorbed           =      0.79861E-01g/sq.ft.

Since last printout at time =      14.50
               Change in Total Mass =    -0.22662E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18062E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42355E-03g/sq.ft.
                    Diffusion in from water table =    -0.16620E-02g/sq.ft.
               Total inflow at boundaries =    -0.22662E-02g/sq.ft.
               Mass discrepancy =    -0.15571E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15642    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13336E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.94569E-02g/sq.ft.
                    Diffusion in from water table =    -0.13363    g/sq.ft.
               Total inflow at boundaries =    -0.15642    g/sq.ft.
               Mass discrepancy =    -0.57742E-07g/sq.ft.


Polygon   3
At time =      15.50, total mass in vadose zone =    0.87004E-01g/sq.ft.
Mass in gas phase     =      0.37788E-02g/sq.ft.
Mass in liquid phase  =      0.53223E-02g/sq.ft.
Mass sorbed           =      0.77903E-01g/sq.ft.

Since last printout at time =      15.00
               Change in Total Mass =    -0.21869E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17220E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42537E-03g/sq.ft.
                    Diffusion in from water table =    -0.15893E-02g/sq.ft.
               Total inflow at boundaries =    -0.21869E-02g/sq.ft.
               Mass discrepancy =    -0.79162E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15861    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13508E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.98823E-02g/sq.ft.
                    Diffusion in from water table =    -0.13521    g/sq.ft.
               Total inflow at boundaries =    -0.15861    g/sq.ft.
               Mass discrepancy =    -0.82888E-07g/sq.ft.


Polygon   3
At time =      16.00, total mass in vadose zone =    0.84891E-01g/sq.ft.
Mass in gas phase     =      0.36871E-02g/sq.ft.
Mass in liquid phase  =      0.51931E-02g/sq.ft.
Mass sorbed           =      0.76011E-01g/sq.ft.

Since last printout at time =      15.50
               Change in Total Mass =    -0.21126E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16439E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42659E-03g/sq.ft.
                    Diffusion in from water table =    -0.15216E-02g/sq.ft.
               Total inflow at boundaries =    -0.21126E-02g/sq.ft.
               Mass discrepancy =    -0.26630E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16072    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13673E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10309E-01g/sq.ft.
                    Diffusion in from water table =    -0.13674    g/sq.ft.
               Total inflow at boundaries =    -0.16072    g/sq.ft.
               Mass discrepancy =    -0.74506E-07g/sq.ft.


Polygon   3
At time =      16.50, total mass in vadose zone =    0.82848E-01g/sq.ft.
Mass in gas phase     =      0.35983E-02g/sq.ft.
Mass in liquid phase  =      0.50681E-02g/sq.ft.
Mass sorbed           =      0.74182E-01g/sq.ft.

Since last printout at time =      16.00
               Change in Total Mass =    -0.20428E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15713E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42725E-03g/sq.ft.
                    Diffusion in from water table =    -0.14584E-02g/sq.ft.
               Total inflow at boundaries =    -0.20428E-02g/sq.ft.
               Mass discrepancy =     0.32014E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16276    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13830E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10736E-01g/sq.ft.
                    Diffusion in from water table =    -0.13819    g/sq.ft.
               Total inflow at boundaries =    -0.16276    g/sq.ft.
               Mass discrepancy =    -0.50291E-07g/sq.ft.


Polygon   3
At time =      17.00, total mass in vadose zone =    0.80871E-01g/sq.ft.
Mass in gas phase     =      0.35125E-02g/sq.ft.
Mass in liquid phase  =      0.49471E-02g/sq.ft.
Mass sorbed           =      0.72412E-01g/sq.ft.
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```
Since last printout at time =      16.50
               Change in Total Mass =    -0.19771E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15037E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42736E-03g/sq.ft.
                    Diffusion in from water table =    -0.13994E-02g/sq.ft.
               Total inflow at boundaries =    -0.19771E-02g/sq.ft.
               Mass discrepancy =    -0.24156E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16474    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13980E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11163E-01g/sq.ft.
                    Diffusion in from water table =    -0.13959    g/sq.ft.
               Total inflow at boundaries =    -0.16474    g/sq.ft.
               Mass discrepancy =    -0.21420E-07g/sq.ft.


Polygon   3
At time =      17.50, total mass in vadose zone =    0.78956E-01g/sq.ft.
Mass in gas phase     =      0.34293E-02g/sq.ft.
Mass in liquid phase  =      0.48300E-02g/sq.ft.
Mass sorbed           =      0.70697E-01g/sq.ft.

Since last printout at time =      17.00
               Change in Total Mass =    -0.19150E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14407E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42695E-03g/sq.ft.
                    Diffusion in from water table =    -0.13440E-02g/sq.ft.
               Total inflow at boundaries =    -0.19150E-02g/sq.ft.
               Mass discrepancy =    -0.11205E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16665    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14124E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11590E-01g/sq.ft.
                    Diffusion in from water table =    -0.14094    g/sq.ft.
               Total inflow at boundaries =    -0.16665    g/sq.ft.
               Mass discrepancy =    -0.11176E-07g/sq.ft.


Polygon   3
At time =      18.00, total mass in vadose zone =    0.77100E-01g/sq.ft.
Mass in gas phase     =      0.33487E-02g/sq.ft.
Mass in liquid phase  =      0.47164E-02g/sq.ft.
Mass sorbed           =      0.69035E-01g/sq.ft.

Since last printout at time =      17.50
               Change in Total Mass =    -0.18563E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13818E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42607E-03g/sq.ft.
                    Diffusion in from water table =    -0.12921E-02g/sq.ft.
               Total inflow at boundaries =    -0.18563E-02g/sq.ft.
               Mass discrepancy =    -0.22847E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16851    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.14263E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12016E-01g/sq.ft.
                    Diffusion in from water table =    -0.14223    g/sq.ft.
               Total inflow at boundaries =    -0.16851    g/sq.ft.
               Mass discrepancy =    -0.13970E-07g/sq.ft.


Polygon   3
At time =      18.50, total mass in vadose zone =    0.75299E-01g/sq.ft.
Mass in gas phase     =      0.32705E-02g/sq.ft.
Mass in liquid phase  =      0.46063E-02g/sq.ft.
Mass sorbed           =      0.67422E-01g/sq.ft.

Since last printout at time =      18.00
               Change in Total Mass =    -0.18007E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13267E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42474E-03g/sq.ft.
                    Diffusion in from water table =    -0.12433E-02g/sq.ft.
               Total inflow at boundaries =    -0.18007E-02g/sq.ft.
               Mass discrepancy =    -0.51950E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17031    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14395E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12441E-01g/sq.ft.
                    Diffusion in from water table =    -0.14347    g/sq.ft.
               Total inflow at boundaries =    -0.17031    g/sq.ft.
               Mass discrepancy =    -0.17695E-07g/sq.ft.


Polygon   3
At time =      19.00, total mass in vadose zone =    0.73551E-01g/sq.ft.
Mass in gas phase     =      0.31946E-02g/sq.ft.
Mass in liquid phase  =      0.44994E-02g/sq.ft.
Mass sorbed           =      0.65857E-01g/sq.ft.

Since last printout at time =      18.50
               Change in Total Mass =    -0.17478E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12750E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42299E-03g/sq.ft.
                    Diffusion in from water table =    -0.11973E-02g/sq.ft.
               Total inflow at boundaries =    -0.17478E-02g/sq.ft.
               Mass discrepancy =     0.27649E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17206    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14523E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12864E-01g/sq.ft.
                    Diffusion in from water table =    -0.14467    g/sq.ft.
               Total inflow at boundaries =    -0.17206    g/sq.ft.
               Mass discrepancy =    -0.12107E-07g/sq.ft.


Polygon   3
At time =      19.50, total mass in vadose zone =    0.71854E-01g/sq.ft.
Mass in gas phase     =      0.31208E-02g/sq.ft.
Mass in liquid phase  =      0.43955E-02g/sq.ft.
Mass sorbed           =      0.64338E-01g/sq.ft.
```

```
Since last printout at time =      19.00
               Change in Total Mass =    -0.16975E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12264E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42084E-03g/sq.ft.
                    Diffusion in from water table =    -0.11540E-02g/sq.ft.
               Total inflow at boundaries =    -0.16975E-02g/sq.ft.
               Mass discrepancy =    -0.41473E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17376    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14645E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13285E-01g/sq.ft.
                    Diffusion in from water table =    -0.14582    g/sq.ft.
               Total inflow at boundaries =    -0.17376    g/sq.ft.
               Mass discrepancy =    -0.12107E-07g/sq.ft.


Polygon   3
At time =      20.00, total mass in vadose zone =    0.70204E-01g/sq.ft.
Mass in gas phase     =      0.30492E-02g/sq.ft.
Mass in liquid phase  =      0.42946E-02g/sq.ft.
Mass sorbed           =      0.62861E-01g/sq.ft.

Since last printout at time =      19.50
               Change in Total Mass =    -0.16495E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11808E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.41833E-03g/sq.ft.
                    Diffusion in from water table =    -0.11131E-02g/sq.ft.
               Total inflow at boundaries =    -0.16495E-02g/sq.ft.
               Mass discrepancy =     0.37035E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17540    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14763E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13703E-01g/sq.ft.
                    Diffusion in from water table =    -0.14694    g/sq.ft.
               Total inflow at boundaries =    -0.17540    g/sq.ft.
               Mass discrepancy =     0.55879E-08g/sq.ft.


Polygon   3
At time =      20.50, total mass in vadose zone =    0.68601E-01g/sq.ft.
Mass in gas phase     =      0.29795E-02g/sq.ft.
Mass in liquid phase  =      0.41965E-02g/sq.ft.
Mass sorbed           =      0.61425E-01g/sq.ft.

Since last printout at time =      20.00
               Change in Total Mass =    -0.16038E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11378E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.41549E-03g/sq.ft.
                    Diffusion in from water table =    -0.10745E-02g/sq.ft.
               Total inflow at boundaries =    -0.16037E-02g/sq.ft.
               Mass discrepancy =    -0.10710E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17701    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14877E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14119E-01g/sq.ft.
                    Diffusion in from water table =    -0.14801    g/sq.ft.
               Total inflow at boundaries =    -0.17701    g/sq.ft.
               Mass discrepancy =    -0.65193E-08g/sq.ft.


Polygon   3
At time =      21.00, total mass in vadose zone =    0.67041E-01g/sq.ft.
Mass in gas phase     =      0.29118E-02g/sq.ft.
Mass in liquid phase  =      0.41011E-02g/sq.ft.
Mass sorbed           =      0.60028E-01g/sq.ft.

Since last printout at time =      20.50
               Change in Total Mass =    -0.15599E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10972E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.41233E-03g/sq.ft.
                    Diffusion in from water table =    -0.10379E-02g/sq.ft.
               Total inflow at boundaries =    -0.15599E-02g/sq.ft.
               Mass discrepancy =    -0.51077E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17857    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14987E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14531E-01g/sq.ft.
                    Diffusion in from water table =    -0.14905    g/sq.ft.
               Total inflow at boundaries =    -0.17857    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   3
At time =      21.50, total mass in vadose zone =    0.65523E-01g/sq.ft.
Mass in gas phase     =      0.28458E-02g/sq.ft.
Mass in liquid phase  =      0.40082E-02g/sq.ft.
Mass sorbed           =      0.58669E-01g/sq.ft.

Since last printout at time =      21.00
               Change in Total Mass =    -0.15180E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10588E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.40890E-03g/sq.ft.
                    Diffusion in from water table =    -0.10032E-02g/sq.ft.
               Total inflow at boundaries =    -0.15180E-02g/sq.ft.
               Mass discrepancy =     0.54715E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18009    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15093E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14940E-01g/sq.ft.
                    Diffusion in from water table =    -0.15005    g/sq.ft.
               Total inflow at boundaries =    -0.18009    g/sq.ft.
               Mass discrepancy =     0.10245E-07g/sq.ft.


Polygon   3
At time =      22.00, total mass in vadose zone =    0.64045E-01g/sq.ft.
Mass in gas phase     =      0.27817E-02g/sq.ft.
Mass in liquid phase  =      0.39178E-02g/sq.ft.
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```
Mass sorbed           =      0.57345E-01g/sq.ft.

Since last printout at time =      21.50
               Change in Total Mass =    -0.14777E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10225E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.40520E-03g/sq.ft.
                    Diffusion in from water table =    -0.97028E-03g/sq.ft.
               Total inflow at boundaries =    -0.14777E-02g/sq.ft.
               Mass discrepancy =    -0.51659E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18156    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15195E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.15345E-01g/sq.ft.
                    Diffusion in from water table =    -0.15102    g/sq.ft.
               Total inflow at boundaries =    -0.18156    g/sq.ft.
               Mass discrepancy =    -0.83819E-08g/sq.ft.


Polygon   3
At time =      22.50, total mass in vadose zone =    0.62606E-01g/sq.ft.
Mass in gas phase     =      0.27192E-02g/sq.ft.
Mass in liquid phase  =      0.38298E-02g/sq.ft.
Mass sorbed           =      0.56057E-01g/sq.ft.

Since last printout at time =      22.00
               Change in Total Mass =    -0.14391E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98815E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.40127E-03g/sq.ft.
                    Diffusion in from water table =    -0.93899E-03g/sq.ft.
               Total inflow at boundaries =    -0.14391E-02g/sq.ft.
               Mass discrepancy =    -0.21319E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18300    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15294E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.15747E-01g/sq.ft.
                    Diffusion in from water table =    -0.15196    g/sq.ft.
               Total inflow at boundaries =    -0.18300    g/sq.ft.
               Mass discrepancy =    -0.18626E-07g/sq.ft.


Polygon   3
At time =      23.00, total mass in vadose zone =    0.61204E-01g/sq.ft.
Mass in gas phase     =      0.26583E-02g/sq.ft.
Mass in liquid phase  =      0.37440E-02g/sq.ft.
Mass sorbed           =      0.54802E-01g/sq.ft.

Since last printout at time =      22.50
               Change in Total Mass =    -0.14019E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95553E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.39713E-03g/sq.ft.
                    Diffusion in from water table =    -0.90922E-03g/sq.ft.
               Total inflow at boundaries =    -0.14019E-02g/sq.ft.
               Mass discrepancy =     0.45620E-08g/sq.ft.

Since beginning of run at time = 0.0
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```
               Change in Total Mass =    -0.18440    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15389E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16144E-01g/sq.ft.
                    Diffusion in from water table =    -0.15287    g/sq.ft.
               Total inflow at boundaries =    -0.18440    g/sq.ft.
               Mass discrepancy =     0.46566E-08g/sq.ft.


Polygon   3
At time =      23.50, total mass in vadose zone =    0.59838E-01g/sq.ft.
Mass in gas phase     =      0.25989E-02g/sq.ft.
Mass in liquid phase  =      0.36605E-02g/sq.ft.
Mass sorbed           =      0.53578E-01g/sq.ft.

Since last printout at time =      23.00
               Change in Total Mass =    -0.13661E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92454E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.39280E-03g/sq.ft.
                    Diffusion in from water table =    -0.88087E-03g/sq.ft.
               Total inflow at boundaries =    -0.13661E-02g/sq.ft.
               Mass discrepancy =    -0.40527E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18577    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15482E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16537E-01g/sq.ft.
                    Diffusion in from water table =    -0.15375    g/sq.ft.
               Total inflow at boundaries =    -0.18577    g/sq.ft.
               Mass discrepancy =     0.14901E-07g/sq.ft.


Polygon   3
At time =      24.00, total mass in vadose zone =    0.58506E-01g/sq.ft.
Mass in gas phase     =      0.25411E-02g/sq.ft.
Mass in liquid phase  =      0.35790E-02g/sq.ft.
Mass sorbed           =      0.52386E-01g/sq.ft.

Since last printout at time =      23.50
               Change in Total Mass =    -0.13316E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89508E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.38829E-03g/sq.ft.
                    Diffusion in from water table =    -0.85383E-03g/sq.ft.
               Total inflow at boundaries =    -0.13316E-02g/sq.ft.
               Mass discrepancy =    -0.80690E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18710    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15571E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16925E-01g/sq.ft.
                    Diffusion in from water table =    -0.15461    g/sq.ft.
               Total inflow at boundaries =    -0.18710    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   3
At time =      24.50, total mass in vadose zone =    0.57208E-01g/sq.ft.
Mass in gas phase     =      0.24847E-02g/sq.ft.
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Mass in liquid phase  =      0.34996E-02g/sq.ft.
Mass sorbed           =      0.51224E-01g/sq.ft.

Since last printout at time =      24.00
               Change in Total Mass =    -0.12984E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86702E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.38363E-03g/sq.ft.
                    Diffusion in from water table =    -0.82802E-03g/sq.ft.
               Total inflow at boundaries =    -0.12984E-02g/sq.ft.
               Mass discrepancy =     0.19209E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18840    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15658E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.17308E-01g/sq.ft.
                    Diffusion in from water table =    -0.15543    g/sq.ft.
               Total inflow at boundaries =    -0.18840    g/sq.ft.
               Mass discrepancy =    -0.74506E-08g/sq.ft.


Polygon   3
At time =      25.00, total mass in vadose zone =    0.55942E-01g/sq.ft.
Mass in gas phase     =      0.24297E-02g/sq.ft.
Mass in liquid phase  =      0.34221E-02g/sq.ft.
Mass sorbed           =      0.50090E-01g/sq.ft.

Since last printout at time =      24.50
               Change in Total Mass =    -0.12662E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.84028E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.37884E-03g/sq.ft.
                    Diffusion in from water table =    -0.80336E-03g/sq.ft.
               Total inflow at boundaries =    -0.12662E-02g/sq.ft.
               Mass discrepancy =    -0.23210E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18967    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15742E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.17687E-01g/sq.ft.
                    Diffusion in from water table =    -0.15624    g/sq.ft.
               Total inflow at boundaries =    -0.18967    g/sq.ft.
               Mass discrepancy =     0.74506E-08g/sq.ft.


Polygon   3
At time =      25.50, total mass in vadose zone =    0.54706E-01g/sq.ft.
Mass in gas phase     =      0.23761E-02g/sq.ft.
Mass in liquid phase  =      0.33466E-02g/sq.ft.
Mass sorbed           =      0.48984E-01g/sq.ft.

Since last printout at time =      25.00
               Change in Total Mass =    -0.12352E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.81476E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.37393E-03g/sq.ft.
                    Diffusion in from water table =    -0.77977E-03g/sq.ft.
               Total inflow at boundaries =    -0.12352E-02g/sq.ft.
               Mass discrepancy =     0.24083E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19090    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15824E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.18061E-01g/sq.ft.
                    Diffusion in from water table =    -0.15702    g/sq.ft.
               Total inflow at boundaries =    -0.19090    g/sq.ft.
               Mass discrepancy =     0.13039E-07g/sq.ft.


Polygon   3
At time =      26.00, total mass in vadose zone =    0.53501E-01g/sq.ft.
Mass in gas phase     =      0.23237E-02g/sq.ft.
Mass in liquid phase  =      0.32728E-02g/sq.ft.
Mass sorbed           =      0.47905E-01g/sq.ft.

Since last printout at time =      25.50
               Change in Total Mass =    -0.12052E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.79038E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.36892E-03g/sq.ft.
                    Diffusion in from water table =    -0.75719E-03g/sq.ft.
               Total inflow at boundaries =    -0.12052E-02g/sq.ft.
               Mass discrepancy =    -0.33760E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19211    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15903E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.18430E-01g/sq.ft.
                    Diffusion in from water table =    -0.15777    g/sq.ft.
               Total inflow at boundaries =    -0.19211    g/sq.ft.
               Mass discrepancy =     0.18626E-08g/sq.ft.


Polygon   3
At time =      26.50, total mass in vadose zone =    0.52325E-01g/sq.ft.
Mass in gas phase     =      0.22726E-02g/sq.ft.
Mass in liquid phase  =      0.32009E-02g/sq.ft.
Mass sorbed           =      0.46852E-01g/sq.ft.

Since last printout at time =      26.00
               Change in Total Mass =    -0.11761E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76707E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.36382E-03g/sq.ft.
                    Diffusion in from water table =    -0.73555E-03g/sq.ft.
               Total inflow at boundaries =    -0.11761E-02g/sq.ft.
               Mass discrepancy =    -0.30559E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19328    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15979E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.18794E-01g/sq.ft.
                    Diffusion in from water table =    -0.15851    g/sq.ft.
               Total inflow at boundaries =    -0.19328    g/sq.ft.
               Mass discrepancy =     0.31665E-07g/sq.ft.


Polygon   3
At time =      27.00, total mass in vadose zone =    0.51177E-01g/sq.ft.
```

```
Mass in gas phase     =      0.22228E-02g/sq.ft.
Mass in liquid phase  =      0.31307E-02g/sq.ft.
Mass sorbed           =      0.45824E-01g/sq.ft.

Since last printout at time =      26.50
               Change in Total Mass =    -0.11479E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.74477E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.35865E-03g/sq.ft.
                    Diffusion in from water table =    -0.71480E-03g/sq.ft.
               Total inflow at boundaries =    -0.11479E-02g/sq.ft.
               Mass discrepancy =    -0.17826E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19443    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16054E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.19153E-01g/sq.ft.
                    Diffusion in from water table =    -0.15923    g/sq.ft.
               Total inflow at boundaries =    -0.19443    g/sq.ft.
               Mass discrepancy =     0.42841E-07g/sq.ft.


Polygon   3
At time =      27.50, total mass in vadose zone =    0.50057E-01g/sq.ft.
Mass in gas phase     =      0.21741E-02g/sq.ft.
Mass in liquid phase  =      0.30621E-02g/sq.ft.
Mass sorbed           =      0.44820E-01g/sq.ft.

Since last printout at time =      27.00
               Change in Total Mass =    -0.11206E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.72340E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.35342E-03g/sq.ft.
                    Diffusion in from water table =    -0.69487E-03g/sq.ft.
               Total inflow at boundaries =    -0.11206E-02g/sq.ft.
               Mass discrepancy =    -0.19645E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19555    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16126E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.19506E-01g/sq.ft.
                    Diffusion in from water table =    -0.15992    g/sq.ft.
               Total inflow at boundaries =    -0.19555    g/sq.ft.
               Mass discrepancy =     0.22352E-07g/sq.ft.


Polygon   3
At time =      28.00, total mass in vadose zone =    0.48962E-01g/sq.ft.
Mass in gas phase     =      0.21266E-02g/sq.ft.
Mass in liquid phase  =      0.29952E-02g/sq.ft.
Mass sorbed           =      0.43841E-01g/sq.ft.

Since last printout at time =      27.50
               Change in Total Mass =    -0.10942E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.70291E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.34814E-03g/sq.ft.
                    Diffusion in from water table =    -0.67573E-03g/sq.ft.
               Total inflow at boundaries =    -0.10942E-02g/sq.ft.
               Mass discrepancy =     0.10987E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19665    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16196E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.19854E-01g/sq.ft.
                    Diffusion in from water table =    -0.16060    g/sq.ft.
               Total inflow at boundaries =    -0.19665    g/sq.ft.
               Mass discrepancy =     0.22352E-07g/sq.ft.


Polygon   3
At time =      28.50, total mass in vadose zone =    0.47894E-01g/sq.ft.
Mass in gas phase     =      0.20802E-02g/sq.ft.
Mass in liquid phase  =      0.29298E-02g/sq.ft.
Mass sorbed           =      0.42884E-01g/sq.ft.

Since last printout at time =      28.00
               Change in Total Mass =    -0.10685E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68324E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.34282E-03g/sq.ft.
                    Diffusion in from water table =    -0.65733E-03g/sq.ft.
               Total inflow at boundaries =    -0.10685E-02g/sq.ft.
               Mass discrepancy =    -0.22119E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19771    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16265E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20197E-01g/sq.ft.
                    Diffusion in from water table =    -0.16125    g/sq.ft.
               Total inflow at boundaries =    -0.19771    g/sq.ft.
               Mass discrepancy =     0.22352E-07g/sq.ft.


Polygon   3
At time =      29.00, total mass in vadose zone =    0.46850E-01g/sq.ft.
Mass in gas phase     =      0.20349E-02g/sq.ft.
Mass in liquid phase  =      0.28660E-02g/sq.ft.
Mass sorbed           =      0.41950E-01g/sq.ft.

Since last printout at time =      28.50
               Change in Total Mass =    -0.10435E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.66436E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.33748E-03g/sq.ft.
                    Diffusion in from water table =    -0.63963E-03g/sq.ft.
               Total inflow at boundaries =    -0.10435E-02g/sq.ft.
               Mass discrepancy =    -0.74942E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19876    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16331E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20534E-01g/sq.ft.
                    Diffusion in from water table =    -0.16189    g/sq.ft.
               Total inflow at boundaries =    -0.19876    g/sq.ft.
               Mass discrepancy =     0.11176E-07g/sq.ft.


Polygon   3
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```
At time =      29.50, total mass in vadose zone =    0.45831E-01g/sq.ft.
Mass in gas phase     =      0.19906E-02g/sq.ft.
Mass in liquid phase  =      0.28036E-02g/sq.ft.
Mass sorbed           =      0.41037E-01g/sq.ft.

Since last printout at time =      29.00
               Change in Total Mass =    -0.10193E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64620E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.33212E-03g/sq.ft.
                    Diffusion in from water table =    -0.62258E-03g/sq.ft.
               Total inflow at boundaries =    -0.10193E-02g/sq.ft.
               Mass discrepancy =     0.40236E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19978    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16396E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20867E-01g/sq.ft.
                    Diffusion in from water table =    -0.16252    g/sq.ft.
               Total inflow at boundaries =    -0.19978    g/sq.ft.
               Mass discrepancy =     0.93132E-08g/sq.ft.


Polygon   3
At time =      30.00, total mass in vadose zone =    0.44835E-01g/sq.ft.
Mass in gas phase     =      0.19473E-02g/sq.ft.
Mass in liquid phase  =      0.27427E-02g/sq.ft.
Mass sorbed           =      0.40145E-01g/sq.ft.

Since last printout at time =      29.50
               Change in Total Mass =    -0.99578E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.62874E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.32675E-03g/sq.ft.
                    Diffusion in from water table =    -0.60615E-03g/sq.ft.
               Total inflow at boundaries =    -0.99577E-03g/sq.ft.
               Mass discrepancy =    -0.65993E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20077    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16459E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.21193E-01g/sq.ft.
                    Diffusion in from water table =    -0.16312    g/sq.ft.
               Total inflow at boundaries =    -0.20077    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   3
At time =      30.50, total mass in vadose zone =    0.43862E-01g/sq.ft.
Mass in gas phase     =      0.19051E-02g/sq.ft.
Mass in liquid phase  =      0.26832E-02g/sq.ft.
Mass sorbed           =      0.39274E-01g/sq.ft.

Since last printout at time =      30.00
               Change in Total Mass =    -0.97288E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61193E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.32138E-03g/sq.ft.
                    Diffusion in from water table =    -0.59031E-03g/sq.ft.
               Total inflow at boundaries =    -0.97288E-03g/sq.ft.
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               Mass discrepancy =     0.25175E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20175    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16520E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.21515E-01g/sq.ft.
                    Diffusion in from water table =    -0.16371    g/sq.ft.
               Total inflow at boundaries =    -0.20175    g/sq.ft.
               Mass discrepancy =     0.13039E-07g/sq.ft.


Polygon   3
At time =      31.00, total mass in vadose zone =    0.42912E-01g/sq.ft.
Mass in gas phase     =      0.18638E-02g/sq.ft.
Mass in liquid phase  =      0.26251E-02g/sq.ft.
Mass sorbed           =      0.38423E-01g/sq.ft.

Since last printout at time =      30.50
               Change in Total Mass =    -0.95062E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59574E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31601E-03g/sq.ft.
                    Diffusion in from water table =    -0.57503E-03g/sq.ft.
               Total inflow at boundaries =    -0.95062E-03g/sq.ft.
               Mass discrepancy =     0.70941E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20270    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16579E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.21831E-01g/sq.ft.
                    Diffusion in from water table =    -0.16429    g/sq.ft.
               Total inflow at boundaries =    -0.20270    g/sq.ft.
               Mass discrepancy =     0.31665E-07g/sq.ft.


Polygon   3
At time =      31.50, total mass in vadose zone =    0.41983E-01g/sq.ft.
Mass in gas phase     =      0.18234E-02g/sq.ft.
Mass in liquid phase  =      0.25682E-02g/sq.ft.
Mass sorbed           =      0.37591E-01g/sq.ft.

Since last printout at time =      31.00
               Change in Total Mass =    -0.92896E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.58013E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31066E-03g/sq.ft.
                    Diffusion in from water table =    -0.56028E-03g/sq.ft.
               Total inflow at boundaries =    -0.92895E-03g/sq.ft.
               Mass discrepancy =    -0.39545E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20363    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16638E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.22141E-01g/sq.ft.
                    Diffusion in from water table =    -0.16485    g/sq.ft.
               Total inflow at boundaries =    -0.20363    g/sq.ft.
               Mass discrepancy =     0.22352E-07g/sq.ft.
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Polygon   3
At time =      32.00, total mass in vadose zone =    0.41075E-01g/sq.ft.
Mass in gas phase     =      0.17840E-02g/sq.ft.
Mass in liquid phase  =      0.25127E-02g/sq.ft.
Mass sorbed           =      0.36778E-01g/sq.ft.

Since last printout at time =      31.50
               Change in Total Mass =    -0.90787E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56507E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.30534E-03g/sq.ft.
                    Diffusion in from water table =    -0.54602E-03g/sq.ft.
               Total inflow at boundaries =    -0.90787E-03g/sq.ft.
               Mass discrepancy =    -0.15934E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20453    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16694E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.22447E-01g/sq.ft.
                    Diffusion in from water table =    -0.16539    g/sq.ft.
               Total inflow at boundaries =    -0.20453    g/sq.ft.
               Mass discrepancy =     0.93132E-08g/sq.ft.


Polygon   3
At time =      32.50, total mass in vadose zone =    0.40188E-01g/sq.ft.
Mass in gas phase     =      0.17455E-02g/sq.ft.
Mass in liquid phase  =      0.24584E-02g/sq.ft.
Mass sorbed           =      0.35984E-01g/sq.ft.

Since last printout at time =      32.00
               Change in Total Mass =    -0.88734E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55053E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.30003E-03g/sq.ft.
                    Diffusion in from water table =    -0.53225E-03g/sq.ft.
               Total inflow at boundaries =    -0.88734E-03g/sq.ft.
               Mass discrepancy =    -0.27976E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20542    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16749E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.22747E-01g/sq.ft.
                    Diffusion in from water table =    -0.16593    g/sq.ft.
               Total inflow at boundaries =    -0.20542    g/sq.ft.
               Mass discrepancy =    -0.37253E-08g/sq.ft.


Polygon   3
At time =      33.00, total mass in vadose zone =    0.39320E-01g/sq.ft.
Mass in gas phase     =      0.17078E-02g/sq.ft.
Mass in liquid phase  =      0.24053E-02g/sq.ft.
Mass sorbed           =      0.35207E-01g/sq.ft.

Since last printout at time =      32.50
               Change in Total Mass =    -0.86734E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.53649E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.29476E-03g/sq.ft.
                    Diffusion in from water table =    -0.51893E-03g/sq.ft.
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               Total inflow at boundaries =    -0.86734E-03g/sq.ft.
               Mass discrepancy =     0.11532E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20629    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16803E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23041E-01g/sq.ft.
                    Diffusion in from water table =    -0.16644    g/sq.ft.
               Total inflow at boundaries =    -0.20629    g/sq.ft.
               Mass discrepancy =    -0.13039E-07g/sq.ft.


Polygon   3
At time =      33.50, total mass in vadose zone =    0.38472E-01g/sq.ft.
Mass in gas phase     =      0.16710E-02g/sq.ft.
Mass in liquid phase  =      0.23535E-02g/sq.ft.
Mass sorbed           =      0.34448E-01g/sq.ft.

Since last printout at time =      33.00
               Change in Total Mass =    -0.84786E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52293E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28953E-03g/sq.ft.
                    Diffusion in from water table =    -0.50603E-03g/sq.ft.
               Total inflow at boundaries =    -0.84786E-03g/sq.ft.
               Mass discrepancy =    -0.16262E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20714    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16855E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23331E-01g/sq.ft.
                    Diffusion in from water table =    -0.16695    g/sq.ft.
               Total inflow at boundaries =    -0.20714    g/sq.ft.
               Mass discrepancy =    -0.37253E-08g/sq.ft.


Polygon   3
At time =      34.00, total mass in vadose zone =    0.37644E-01g/sq.ft.
Mass in gas phase     =      0.16350E-02g/sq.ft.
Mass in liquid phase  =      0.23028E-02g/sq.ft.
Mass sorbed           =      0.33706E-01g/sq.ft.

Since last printout at time =      33.50
               Change in Total Mass =    -0.82887E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50981E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28433E-03g/sq.ft.
                    Diffusion in from water table =    -0.49355E-03g/sq.ft.
               Total inflow at boundaries =    -0.82887E-03g/sq.ft.
               Mass discrepancy =    -0.33615E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20797    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16906E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23615E-01g/sq.ft.
                    Diffusion in from water table =    -0.16744    g/sq.ft.
               Total inflow at boundaries =    -0.20797    g/sq.ft.
               Mass discrepancy =    -0.24214E-07g/sq.ft.
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Polygon   3
At time =      34.50, total mass in vadose zone =    0.36833E-01g/sq.ft.
Mass in gas phase     =      0.15998E-02g/sq.ft.
Mass in liquid phase  =      0.22532E-02g/sq.ft.
Mass sorbed           =      0.32980E-01g/sq.ft.

Since last printout at time =      34.00
               Change in Total Mass =    -0.81037E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49712E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.27918E-03g/sq.ft.
                    Diffusion in from water table =    -0.48147E-03g/sq.ft.
               Total inflow at boundaries =    -0.81036E-03g/sq.ft.
               Mass discrepancy =    -0.27176E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20878    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16956E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23895E-01g/sq.ft.
                    Diffusion in from water table =    -0.16793    g/sq.ft.
               Total inflow at boundaries =    -0.20878    g/sq.ft.
               Mass discrepancy =    -0.39116E-07g/sq.ft.


Polygon   3
At time =      35.00, total mass in vadose zone =    0.36041E-01g/sq.ft.
Mass in gas phase     =      0.15654E-02g/sq.ft.
Mass in liquid phase  =      0.22047E-02g/sq.ft.
Mass sorbed           =      0.32271E-01g/sq.ft.

Since last printout at time =      34.50
               Change in Total Mass =    -0.79232E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.48483E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.27408E-03g/sq.ft.
                    Diffusion in from water table =    -0.46975E-03g/sq.ft.
               Total inflow at boundaries =    -0.79232E-03g/sq.ft.
               Mass discrepancy =    -0.11933E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20957    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17004E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24169E-01g/sq.ft.
                    Diffusion in from water table =    -0.16840    g/sq.ft.
               Total inflow at boundaries =    -0.20957    g/sq.ft.
               Mass discrepancy =    -0.46566E-07g/sq.ft.


Polygon   3
At time =      35.50, total mass in vadose zone =    0.35266E-01g/sq.ft.
Mass in gas phase     =      0.15317E-02g/sq.ft.
Mass in liquid phase  =      0.21573E-02g/sq.ft.
Mass sorbed           =      0.31577E-01g/sq.ft.

Since last printout at time =      35.00
               Change in Total Mass =    -0.77473E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47293E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26903E-03g/sq.ft.
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                    Diffusion in from water table =    -0.45840E-03g/sq.ft.
               Total inflow at boundaries =    -0.77472E-03g/sq.ft.
               Mass discrepancy =    -0.30923E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21034    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17051E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24438E-01g/sq.ft.
                    Diffusion in from water table =    -0.16885    g/sq.ft.
               Total inflow at boundaries =    -0.21034    g/sq.ft.
               Mass discrepancy =    -0.59605E-07g/sq.ft.


Polygon   3
At time =      36.00, total mass in vadose zone =    0.34509E-01g/sq.ft.
Mass in gas phase     =      0.14988E-02g/sq.ft.
Mass in liquid phase  =      0.21110E-02g/sq.ft.
Mass sorbed           =      0.30899E-01g/sq.ft.

Since last printout at time =      35.50
               Change in Total Mass =    -0.75756E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46141E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26404E-03g/sq.ft.
                    Diffusion in from water table =    -0.44738E-03g/sq.ft.
               Total inflow at boundaries =    -0.75756E-03g/sq.ft.
               Mass discrepancy =    -0.73123E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21110    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17098E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24702E-01g/sq.ft.
                    Diffusion in from water table =    -0.16930    g/sq.ft.
               Total inflow at boundaries =    -0.21110    g/sq.ft.
               Mass discrepancy =    -0.48429E-07g/sq.ft.


Polygon   3
At time =      36.50, total mass in vadose zone =    0.33768E-01g/sq.ft.
Mass in gas phase     =      0.14666E-02g/sq.ft.
Mass in liquid phase  =      0.20657E-02g/sq.ft.
Mass sorbed           =      0.30235E-01g/sq.ft.

Since last printout at time =      36.00
               Change in Total Mass =    -0.74082E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45023E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25910E-03g/sq.ft.
                    Diffusion in from water table =    -0.43670E-03g/sq.ft.
               Total inflow at boundaries =    -0.74081E-03g/sq.ft.
               Mass discrepancy =    -0.41437E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21184    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17143E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24961E-01g/sq.ft.
                    Diffusion in from water table =    -0.16974    g/sq.ft.
               Total inflow at boundaries =    -0.21184    g/sq.ft.
               Mass discrepancy =    -0.54017E-07g/sq.ft.
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Polygon   3
At time =      37.00, total mass in vadose zone =    0.33043E-01g/sq.ft.
Mass in gas phase     =      0.14352E-02g/sq.ft.
Mass in liquid phase  =      0.20214E-02g/sq.ft.
Mass sorbed           =      0.29587E-01g/sq.ft.

Since last printout at time =      36.50
               Change in Total Mass =    -0.72448E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43940E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25421E-03g/sq.ft.
                    Diffusion in from water table =    -0.42632E-03g/sq.ft.
               Total inflow at boundaries =    -0.72448E-03g/sq.ft.
               Mass discrepancy =    -0.52387E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21257    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17187E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25215E-01g/sq.ft.
                    Diffusion in from water table =    -0.17016    g/sq.ft.
               Total inflow at boundaries =    -0.21257    g/sq.ft.
               Mass discrepancy =    -0.68918E-07g/sq.ft.


Polygon   3
At time =      37.50, total mass in vadose zone =    0.32335E-01g/sq.ft.
Mass in gas phase     =      0.14044E-02g/sq.ft.
Mass in liquid phase  =      0.19780E-02g/sq.ft.
Mass sorbed           =      0.28952E-01g/sq.ft.

Since last printout at time =      37.00
               Change in Total Mass =    -0.70853E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42888E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24939E-03g/sq.ft.
                    Diffusion in from water table =    -0.41625E-03g/sq.ft.
               Total inflow at boundaries =    -0.70853E-03g/sq.ft.
               Mass discrepancy =     0.14152E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21327    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17229E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25464E-01g/sq.ft.
                    Diffusion in from water table =    -0.17058    g/sq.ft.
               Total inflow at boundaries =    -0.21327    g/sq.ft.
               Mass discrepancy =    -0.65193E-07g/sq.ft.


Polygon   3
At time =      38.00, total mass in vadose zone =    0.31642E-01g/sq.ft.
Mass in gas phase     =      0.13743E-02g/sq.ft.
Mass in liquid phase  =      0.19356E-02g/sq.ft.
Mass sorbed           =      0.28332E-01g/sq.ft.

Since last printout at time =      37.50
               Change in Total Mass =    -0.69297E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41868E-04g/sq.ft.
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                    Diffusion in from atmosphere =     -0.24463E-03g/sq.ft.
                    Diffusion in from water table =    -0.40646E-03g/sq.ft.
               Total inflow at boundaries =    -0.69296E-03g/sq.ft.
               Mass discrepancy =    -0.30632E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21397    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17271E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25709E-01g/sq.ft.
                    Diffusion in from water table =    -0.17099    g/sq.ft.
               Total inflow at boundaries =    -0.21397    g/sq.ft.
               Mass discrepancy =    -0.68918E-07g/sq.ft.


Polygon   3
At time =      38.50, total mass in vadose zone =    0.30964E-01g/sq.ft.
Mass in gas phase     =      0.13449E-02g/sq.ft.
Mass in liquid phase  =      0.18942E-02g/sq.ft.
Mass sorbed           =      0.27725E-01g/sq.ft.

Since last printout at time =      38.00
               Change in Total Mass =    -0.67777E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40877E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23994E-03g/sq.ft.
                    Diffusion in from water table =    -0.39695E-03g/sq.ft.
               Total inflow at boundaries =    -0.67777E-03g/sq.ft.
               Mass discrepancy =     0.82582E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21464    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17312E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25949E-01g/sq.ft.
                    Diffusion in from water table =    -0.17138    g/sq.ft.
               Total inflow at boundaries =    -0.21464    g/sq.ft.
               Mass discrepancy =    -0.70781E-07g/sq.ft.


Polygon   3
At time =      39.00, total mass in vadose zone =    0.30301E-01g/sq.ft.
Mass in gas phase     =      0.13161E-02g/sq.ft.
Mass in liquid phase  =      0.18536E-02g/sq.ft.
Mass sorbed           =      0.27131E-01g/sq.ft.

Since last printout at time =      38.50
               Change in Total Mass =    -0.66294E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39915E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23531E-03g/sq.ft.
                    Diffusion in from water table =    -0.38771E-03g/sq.ft.
               Total inflow at boundaries =    -0.66293E-03g/sq.ft.
               Mass discrepancy =    -0.33469E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21531    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17352E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26184E-01g/sq.ft.
                    Diffusion in from water table =    -0.17177    g/sq.ft.
               Total inflow at boundaries =    -0.21531    g/sq.ft.
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               Mass discrepancy =    -0.85682E-07g/sq.ft.


Polygon   3
At time =      39.50, total mass in vadose zone =    0.29653E-01g/sq.ft.
Mass in gas phase     =      0.12879E-02g/sq.ft.
Mass in liquid phase  =      0.18139E-02g/sq.ft.
Mass sorbed           =      0.26551E-01g/sq.ft.

Since last printout at time =      39.00
               Change in Total Mass =    -0.64844E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38980E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23075E-03g/sq.ft.
                    Diffusion in from water table =    -0.37872E-03g/sq.ft.
               Total inflow at boundaries =    -0.64844E-03g/sq.ft.
               Mass discrepancy =     0.36380E-11g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21596    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17391E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26415E-01g/sq.ft.
                    Diffusion in from water table =    -0.17215    g/sq.ft.
               Total inflow at boundaries =    -0.21596    g/sq.ft.
               Mass discrepancy =    -0.94995E-07g/sq.ft.


Polygon   3
At time =      40.00, total mass in vadose zone =    0.29018E-01g/sq.ft.
Mass in gas phase     =      0.12604E-02g/sq.ft.
Mass in liquid phase  =      0.17751E-02g/sq.ft.
Mass sorbed           =      0.25983E-01g/sq.ft.

Since last printout at time =      39.50
               Change in Total Mass =    -0.63429E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38071E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22625E-03g/sq.ft.
                    Diffusion in from water table =    -0.36998E-03g/sq.ft.
               Total inflow at boundaries =    -0.63429E-03g/sq.ft.
               Mass discrepancy =     0.93132E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21659    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17429E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26641E-01g/sq.ft.
                    Diffusion in from water table =    -0.17252    g/sq.ft.
               Total inflow at boundaries =    -0.21659    g/sq.ft.
               Mass discrepancy =    -0.89407E-07g/sq.ft.


Polygon   3
At time =      40.50, total mass in vadose zone =    0.28398E-01g/sq.ft.
Mass in gas phase     =      0.12334E-02g/sq.ft.
Mass in liquid phase  =      0.17372E-02g/sq.ft.
Mass sorbed           =      0.25427E-01g/sq.ft.

Since last printout at time =      40.00
               Change in Total Mass =    -0.62048E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.37187E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22182E-03g/sq.ft.
                    Diffusion in from water table =    -0.36147E-03g/sq.ft.
               Total inflow at boundaries =    -0.62047E-03g/sq.ft.
               Mass discrepancy =    -0.26012E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21721    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17466E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26863E-01g/sq.ft.
                    Diffusion in from water table =    -0.17288    g/sq.ft.
               Total inflow at boundaries =    -0.21721    g/sq.ft.
               Mass discrepancy =    -0.76368E-07g/sq.ft.


Polygon   3
At time =      41.00, total mass in vadose zone =    0.27791E-01g/sq.ft.
Mass in gas phase     =      0.12070E-02g/sq.ft.
Mass in liquid phase  =      0.17001E-02g/sq.ft.
Mass sorbed           =      0.24884E-01g/sq.ft.

Since last printout at time =      40.50
               Change in Total Mass =    -0.60698E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36327E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21746E-03g/sq.ft.
                    Diffusion in from water table =    -0.35319E-03g/sq.ft.
               Total inflow at boundaries =    -0.60697E-03g/sq.ft.
               Mass discrepancy =    -0.31214E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21782    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17503E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27081E-01g/sq.ft.
                    Diffusion in from water table =    -0.17323    g/sq.ft.
               Total inflow at boundaries =    -0.21782    g/sq.ft.
               Mass discrepancy =    -0.83819E-07g/sq.ft.


Polygon   3
At time =      41.50, total mass in vadose zone =    0.27197E-01g/sq.ft.
Mass in gas phase     =      0.11813E-02g/sq.ft.
Mass in liquid phase  =      0.16637E-02g/sq.ft.
Mass sorbed           =      0.24352E-01g/sq.ft.

Since last printout at time =      41.00
               Change in Total Mass =    -0.59378E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35491E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21316E-03g/sq.ft.
                    Diffusion in from water table =    -0.34513E-03g/sq.ft.
               Total inflow at boundaries =    -0.59378E-03g/sq.ft.
               Mass discrepancy =     0.18917E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21841    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17538E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27294E-01g/sq.ft.
                    Diffusion in from water table =    -0.17358    g/sq.ft.
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               Total inflow at boundaries =    -0.21841    g/sq.ft.
               Mass discrepancy =    -0.10431E-06g/sq.ft.


Polygon   3
At time =      42.00, total mass in vadose zone =    0.26616E-01g/sq.ft.
Mass in gas phase     =      0.11560E-02g/sq.ft.
Mass in liquid phase  =      0.16282E-02g/sq.ft.
Mass sorbed           =      0.23832E-01g/sq.ft.

Since last printout at time =      41.50
               Change in Total Mass =    -0.58090E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34677E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20894E-03g/sq.ft.
                    Diffusion in from water table =    -0.33728E-03g/sq.ft.
               Total inflow at boundaries =    -0.58090E-03g/sq.ft.
               Mass discrepancy =    -0.16880E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21899    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17573E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27503E-01g/sq.ft.
                    Diffusion in from water table =    -0.17392    g/sq.ft.
               Total inflow at boundaries =    -0.21899    g/sq.ft.
               Mass discrepancy =    -0.11735E-06g/sq.ft.


Polygon   3
At time =      42.50, total mass in vadose zone =    0.26048E-01g/sq.ft.
Mass in gas phase     =      0.11313E-02g/sq.ft.
Mass in liquid phase  =      0.15934E-02g/sq.ft.
Mass sorbed           =      0.23323E-01g/sq.ft.

Since last printout at time =      42.00
               Change in Total Mass =    -0.56831E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33885E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20478E-03g/sq.ft.
                    Diffusion in from water table =    -0.32964E-03g/sq.ft.
               Total inflow at boundaries =    -0.56830E-03g/sq.ft.
               Mass discrepancy =    -0.51223E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21956    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17607E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27707E-01g/sq.ft.
                    Diffusion in from water table =    -0.17425    g/sq.ft.
               Total inflow at boundaries =    -0.21956    g/sq.ft.
               Mass discrepancy =    -0.11362E-06g/sq.ft.


Polygon   3
At time =      43.00, total mass in vadose zone =    0.25492E-01g/sq.ft.
Mass in gas phase     =      0.11072E-02g/sq.ft.
Mass in liquid phase  =      0.15594E-02g/sq.ft.
Mass sorbed           =      0.22825E-01g/sq.ft.

Since last printout at time =      42.50
               Change in Total Mass =    -0.55600E-03g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33114E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20069E-03g/sq.ft.
                    Diffusion in from water table =    -0.32219E-03g/sq.ft.
               Total inflow at boundaries =    -0.55600E-03g/sq.ft.
               Mass discrepancy =     0.47658E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22012    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17640E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27908E-01g/sq.ft.
                    Diffusion in from water table =    -0.17457    g/sq.ft.
               Total inflow at boundaries =    -0.22012    g/sq.ft.
               Mass discrepancy =    -0.93132E-07g/sq.ft.


Polygon   3
At time =      43.50, total mass in vadose zone =    0.24948E-01g/sq.ft.
Mass in gas phase     =      0.10836E-02g/sq.ft.
Mass in liquid phase  =      0.15261E-02g/sq.ft.
Mass sorbed           =      0.22338E-01g/sq.ft.

Since last printout at time =      43.00
               Change in Total Mass =    -0.54397E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32363E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19667E-03g/sq.ft.
                    Diffusion in from water table =    -0.31493E-03g/sq.ft.
               Total inflow at boundaries =    -0.54397E-03g/sq.ft.
               Mass discrepancy =     0.11642E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22066    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17672E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28105E-01g/sq.ft.
                    Diffusion in from water table =    -0.17488    g/sq.ft.
               Total inflow at boundaries =    -0.22066    g/sq.ft.
               Mass discrepancy =    -0.10803E-06g/sq.ft.


Polygon   3
At time =      44.00, total mass in vadose zone =    0.24416E-01g/sq.ft.
Mass in gas phase     =      0.10604E-02g/sq.ft.
Mass in liquid phase  =      0.14936E-02g/sq.ft.
Mass sorbed           =      0.21862E-01g/sq.ft.

Since last printout at time =      43.50
               Change in Total Mass =    -0.53221E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31631E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19272E-03g/sq.ft.
                    Diffusion in from water table =    -0.30786E-03g/sq.ft.
               Total inflow at boundaries =    -0.53221E-03g/sq.ft.
               Mass discrepancy =     0.15170E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22119    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17704E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28298E-01g/sq.ft.
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                    Diffusion in from water table =    -0.17519    g/sq.ft.
               Total inflow at boundaries =    -0.22119    g/sq.ft.
               Mass discrepancy =    -0.11176E-06g/sq.ft.


Polygon   3
At time =      44.50, total mass in vadose zone =    0.23895E-01g/sq.ft.
Mass in gas phase     =      0.10378E-02g/sq.ft.
Mass in liquid phase  =      0.14617E-02g/sq.ft.
Mass sorbed           =      0.21395E-01g/sq.ft.

Since last printout at time =      44.00
               Change in Total Mass =    -0.52073E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30918E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18884E-03g/sq.ft.
                    Diffusion in from water table =    -0.30097E-03g/sq.ft.
               Total inflow at boundaries =    -0.52072E-03g/sq.ft.
               Mass discrepancy =    -0.42055E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22171    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17735E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28486E-01g/sq.ft.
                    Diffusion in from water table =    -0.17549    g/sq.ft.
               Total inflow at boundaries =    -0.22171    g/sq.ft.
               Mass discrepancy =    -0.12480E-06g/sq.ft.


Polygon   3
At time =      45.00, total mass in vadose zone =    0.23386E-01g/sq.ft.
Mass in gas phase     =      0.10157E-02g/sq.ft.
Mass in liquid phase  =      0.14306E-02g/sq.ft.
Mass sorbed           =      0.20939E-01g/sq.ft.

Since last printout at time =      44.50
               Change in Total Mass =    -0.50949E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30223E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18502E-03g/sq.ft.
                    Diffusion in from water table =    -0.29424E-03g/sq.ft.
               Total inflow at boundaries =    -0.50949E-03g/sq.ft.
               Mass discrepancy =     0.32924E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22222    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17765E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28671E-01g/sq.ft.
                    Diffusion in from water table =    -0.17579    g/sq.ft.
               Total inflow at boundaries =    -0.22222    g/sq.ft.
               Mass discrepancy =    -0.13225E-06g/sq.ft.


Polygon   3
At time =      45.50, total mass in vadose zone =    0.22887E-01g/sq.ft.
Mass in gas phase     =      0.99405E-03g/sq.ft.
Mass in liquid phase  =      0.14001E-02g/sq.ft.
Mass sorbed           =      0.20493E-01g/sq.ft.

Since last printout at time =      45.00
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               Change in Total Mass =    -0.49851E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29546E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18128E-03g/sq.ft.
                    Diffusion in from water table =    -0.28769E-03g/sq.ft.
               Total inflow at boundaries =    -0.49851E-03g/sq.ft.
               Mass discrepancy =    -0.59117E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22272    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17795E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28853E-01g/sq.ft.
                    Diffusion in from water table =    -0.17607    g/sq.ft.
               Total inflow at boundaries =    -0.22272    g/sq.ft.
               Mass discrepancy =    -0.15460E-06g/sq.ft.


Polygon   3
At time =      46.00, total mass in vadose zone =    0.22399E-01g/sq.ft.
Mass in gas phase     =      0.97287E-03g/sq.ft.
Mass in liquid phase  =      0.13702E-02g/sq.ft.
Mass sorbed           =      0.20056E-01g/sq.ft.

Since last printout at time =      45.50
               Change in Total Mass =    -0.48777E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28885E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17759E-03g/sq.ft.
                    Diffusion in from water table =    -0.28129E-03g/sq.ft.
               Total inflow at boundaries =    -0.48777E-03g/sq.ft.
               Mass discrepancy =    -0.30559E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22321    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17823E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29030E-01g/sq.ft.
                    Diffusion in from water table =    -0.17636    g/sq.ft.
               Total inflow at boundaries =    -0.22321    g/sq.ft.
               Mass discrepancy =    -0.14156E-06g/sq.ft.


Polygon   3
At time =      46.50, total mass in vadose zone =    0.21922E-01g/sq.ft.
Mass in gas phase     =      0.95214E-03g/sq.ft.
Mass in liquid phase  =      0.13410E-02g/sq.ft.
Mass sorbed           =      0.19629E-01g/sq.ft.

Since last printout at time =      46.00
               Change in Total Mass =    -0.47727E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28241E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17398E-03g/sq.ft.
                    Diffusion in from water table =    -0.27505E-03g/sq.ft.
               Total inflow at boundaries =    -0.47728E-03g/sq.ft.
               Mass discrepancy =     0.70941E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22369    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17852E-01g/sq.ft.
```

```
                    Diffusion in from atmosphere =     -0.29204E-01g/sq.ft.
                    Diffusion in from water table =    -0.17663    g/sq.ft.
               Total inflow at boundaries =    -0.22369    g/sq.ft.
               Mass discrepancy =    -0.13411E-06g/sq.ft.


Polygon   3
At time =      47.00, total mass in vadose zone =    0.21455E-01g/sq.ft.
Mass in gas phase     =      0.93185E-03g/sq.ft.
Mass in liquid phase  =      0.13125E-02g/sq.ft.
Mass sorbed           =      0.19211E-01g/sq.ft.

Since last printout at time =      46.50
               Change in Total Mass =    -0.46702E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27613E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17043E-03g/sq.ft.
                    Diffusion in from water table =    -0.26897E-03g/sq.ft.
               Total inflow at boundaries =    -0.46701E-03g/sq.ft.
               Mass discrepancy =    -0.35670E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22415    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17879E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29375E-01g/sq.ft.
                    Diffusion in from water table =    -0.17690    g/sq.ft.
               Total inflow at boundaries =    -0.22415    g/sq.ft.
               Mass discrepancy =    -0.14156E-06g/sq.ft.


Polygon   3
At time =      47.50, total mass in vadose zone =    0.20998E-01g/sq.ft.
Mass in gas phase     =      0.91201E-03g/sq.ft.
Mass in liquid phase  =      0.12845E-02g/sq.ft.
Mass sorbed           =      0.18802E-01g/sq.ft.

Since last printout at time =      47.00
               Change in Total Mass =    -0.45697E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27000E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16695E-03g/sq.ft.
                    Diffusion in from water table =    -0.26303E-03g/sq.ft.
               Total inflow at boundaries =    -0.45698E-03g/sq.ft.
               Mass discrepancy =     0.18081E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22461    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17906E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29542E-01g/sq.ft.
                    Diffusion in from water table =    -0.17716    g/sq.ft.
               Total inflow at boundaries =    -0.22461    g/sq.ft.
               Mass discrepancy =    -0.16019E-06g/sq.ft.


Polygon   3
At time =      48.00, total mass in vadose zone =    0.20551E-01g/sq.ft.
Mass in gas phase     =      0.89258E-03g/sq.ft.
Mass in liquid phase  =      0.12572E-02g/sq.ft.
Mass sorbed           =      0.18401E-01g/sq.ft.
```

```
Since last printout at time =      47.50
               Change in Total Mass =    -0.44716E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26402E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16353E-03g/sq.ft.
                    Diffusion in from water table =    -0.25723E-03g/sq.ft.
               Total inflow at boundaries =    -0.44716E-03g/sq.ft.
               Mass discrepancy =    -0.18117E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22506    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17933E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29705E-01g/sq.ft.
                    Diffusion in from water table =    -0.17742    g/sq.ft.
               Total inflow at boundaries =    -0.22506    g/sq.ft.
               Mass discrepancy =    -0.15274E-06g/sq.ft.


Polygon   3
At time =      48.50, total mass in vadose zone =    0.20113E-01g/sq.ft.
Mass in gas phase     =      0.87358E-03g/sq.ft.
Mass in liquid phase  =      0.12304E-02g/sq.ft.
Mass sorbed           =      0.18009E-01g/sq.ft.

Since last printout at time =      48.00
               Change in Total Mass =    -0.43757E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25819E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16017E-03g/sq.ft.
                    Diffusion in from water table =    -0.25157E-03g/sq.ft.
               Total inflow at boundaries =    -0.43756E-03g/sq.ft.
               Mass discrepancy =    -0.12751E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22550    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17958E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29865E-01g/sq.ft.
                    Diffusion in from water table =    -0.17767    g/sq.ft.
               Total inflow at boundaries =    -0.22550    g/sq.ft.
               Mass discrepancy =    -0.16391E-06g/sq.ft.


Polygon   3
At time =      49.00, total mass in vadose zone =    0.19685E-01g/sq.ft.
Mass in gas phase     =      0.85498E-03g/sq.ft.
Mass in liquid phase  =      0.12042E-02g/sq.ft.
Mass sorbed           =      0.17626E-01g/sq.ft.

Since last printout at time =      48.50
               Change in Total Mass =    -0.42818E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25250E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15688E-03g/sq.ft.
                    Diffusion in from water table =    -0.24605E-03g/sq.ft.
               Total inflow at boundaries =    -0.42818E-03g/sq.ft.
               Mass discrepancy =     0.24920E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22592    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Advection in from water table =    -0.17984E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30022E-01g/sq.ft.
                    Diffusion in from water table =    -0.17792    g/sq.ft.
               Total inflow at boundaries =    -0.22592    g/sq.ft.
               Mass discrepancy =    -0.16205E-06g/sq.ft.


Polygon   3
At time =      49.50, total mass in vadose zone =    0.19266E-01g/sq.ft.
Mass in gas phase     =      0.83678E-03g/sq.ft.
Mass in liquid phase  =      0.11786E-02g/sq.ft.
Mass sorbed           =      0.17251E-01g/sq.ft.

Since last printout at time =      49.00
               Change in Total Mass =    -0.41900E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24694E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15365E-03g/sq.ft.
                    Diffusion in from water table =    -0.24065E-03g/sq.ft.
               Total inflow at boundaries =    -0.41900E-03g/sq.ft.
               Mass discrepancy =    -0.44747E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22634    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18008E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30176E-01g/sq.ft.
                    Diffusion in from water table =    -0.17816    g/sq.ft.
               Total inflow at boundaries =    -0.22634    g/sq.ft.
               Mass discrepancy =    -0.16391E-06g/sq.ft.


Polygon   3
At time =      50.00, total mass in vadose zone =    0.18856E-01g/sq.ft.
Mass in gas phase     =      0.81898E-03g/sq.ft.
Mass in liquid phase  =      0.11535E-02g/sq.ft.
Mass sorbed           =      0.16884E-01g/sq.ft.

Since last printout at time =      49.50
               Change in Total Mass =    -0.41002E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24151E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15048E-03g/sq.ft.
                    Diffusion in from water table =    -0.23538E-03g/sq.ft.
               Total inflow at boundaries =    -0.41002E-03g/sq.ft.
               Mass discrepancy =    -0.27776E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22675    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18033E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30326E-01g/sq.ft.
                    Diffusion in from water table =    -0.17839    g/sq.ft.
               Total inflow at boundaries =    -0.22675    g/sq.ft.
               Mass discrepancy =    -0.18813E-06g/sq.ft.


Polygon   3
At time =      50.50, total mass in vadose zone =    0.18455E-01g/sq.ft.
Mass in gas phase     =      0.80155E-03g/sq.ft.
Mass in liquid phase  =      0.11289E-02g/sq.ft.
Mass sorbed           =      0.16524E-01g/sq.ft.
```

```
Since last printout at time =      50.00
               Change in Total Mass =    -0.40124E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23622E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14738E-03g/sq.ft.
                    Diffusion in from water table =    -0.23024E-03g/sq.ft.
               Total inflow at boundaries =    -0.40124E-03g/sq.ft.
               Mass discrepancy =    -0.24920E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22715    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18056E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30474E-01g/sq.ft.
                    Diffusion in from water table =    -0.17862    g/sq.ft.
               Total inflow at boundaries =    -0.22715    g/sq.ft.
               Mass discrepancy =    -0.17695E-06g/sq.ft.


Polygon   3
At time =      51.00, total mass in vadose zone =    0.18062E-01g/sq.ft.
Mass in gas phase     =      0.78449E-03g/sq.ft.
Mass in liquid phase  =      0.11049E-02g/sq.ft.
Mass sorbed           =      0.16173E-01g/sq.ft.

Since last printout at time =      50.50
               Change in Total Mass =    -0.39265E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23104E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14433E-03g/sq.ft.
                    Diffusion in from water table =    -0.22522E-03g/sq.ft.
               Total inflow at boundaries =    -0.39265E-03g/sq.ft.
               Mass discrepancy =    -0.12242E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22755    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18079E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30618E-01g/sq.ft.
                    Diffusion in from water table =    -0.17885    g/sq.ft.
               Total inflow at boundaries =    -0.22755    g/sq.ft.
               Mass discrepancy =    -0.19185E-06g/sq.ft.


Polygon   3
At time =      51.50, total mass in vadose zone =    0.17678E-01g/sq.ft.
Mass in gas phase     =      0.76781E-03g/sq.ft.
Mass in liquid phase  =      0.10814E-02g/sq.ft.
Mass sorbed           =      0.15829E-01g/sq.ft.

Since last printout at time =      51.00
               Change in Total Mass =    -0.38425E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22599E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14134E-03g/sq.ft.
                    Diffusion in from water table =    -0.22031E-03g/sq.ft.
               Total inflow at boundaries =    -0.38425E-03g/sq.ft.
               Mass discrepancy =    -0.85311E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22793    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18102E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30759E-01g/sq.ft.
                    Diffusion in from water table =    -0.17907    g/sq.ft.
               Total inflow at boundaries =    -0.22793    g/sq.ft.
               Mass discrepancy =    -0.18440E-06g/sq.ft.


Polygon   3
At time =      52.00, total mass in vadose zone =    0.17302E-01g/sq.ft.
Mass in gas phase     =      0.75147E-03g/sq.ft.
Mass in liquid phase  =      0.10584E-02g/sq.ft.
Mass sorbed           =      0.15492E-01g/sq.ft.

Since last printout at time =      51.50
               Change in Total Mass =    -0.37603E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22106E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13841E-03g/sq.ft.
                    Diffusion in from water table =    -0.21551E-03g/sq.ft.
               Total inflow at boundaries =    -0.37603E-03g/sq.ft.
               Mass discrepancy =     0.21828E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22831    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18124E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30898E-01g/sq.ft.
                    Diffusion in from water table =    -0.17928    g/sq.ft.
               Total inflow at boundaries =    -0.22831    g/sq.ft.
               Mass discrepancy =    -0.19744E-06g/sq.ft.


Polygon   3
At time =      52.50, total mass in vadose zone =    0.16934E-01g/sq.ft.
Mass in gas phase     =      0.73549E-03g/sq.ft.
Mass in liquid phase  =      0.10359E-02g/sq.ft.
Mass sorbed           =      0.15163E-01g/sq.ft.

Since last printout at time =      52.00
               Change in Total Mass =    -0.36799E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21624E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13554E-03g/sq.ft.
                    Diffusion in from water table =    -0.21083E-03g/sq.ft.
               Total inflow at boundaries =    -0.36799E-03g/sq.ft.
               Mass discrepancy =    -0.44747E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22867    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18146E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31033E-01g/sq.ft.
                    Diffusion in from water table =    -0.17950    g/sq.ft.
               Total inflow at boundaries =    -0.22867    g/sq.ft.
               Mass discrepancy =    -0.20675E-06g/sq.ft.


Polygon   3
At time =      53.00, total mass in vadose zone =    0.16574E-01g/sq.ft.
Mass in gas phase     =      0.71985E-03g/sq.ft.
Mass in liquid phase  =      0.10139E-02g/sq.ft.
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```
Mass sorbed           =      0.14840E-01g/sq.ft.

Since last printout at time =      52.50
               Change in Total Mass =    -0.36012E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21153E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13272E-03g/sq.ft.
                    Diffusion in from water table =    -0.20625E-03g/sq.ft.
               Total inflow at boundaries =    -0.36012E-03g/sq.ft.
               Mass discrepancy =    -0.13279E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22904    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18167E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31166E-01g/sq.ft.
                    Diffusion in from water table =    -0.17970    g/sq.ft.
               Total inflow at boundaries =    -0.22903    g/sq.ft.
               Mass discrepancy =    -0.15087E-06g/sq.ft.


Polygon   3
At time =      53.50, total mass in vadose zone =    0.16221E-01g/sq.ft.
Mass in gas phase     =      0.70454E-03g/sq.ft.
Mass in liquid phase  =      0.99231E-03g/sq.ft.
Mass sorbed           =      0.14525E-01g/sq.ft.

Since last printout at time =      53.00
               Change in Total Mass =    -0.35243E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20693E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12996E-03g/sq.ft.
                    Diffusion in from water table =    -0.20178E-03g/sq.ft.
               Total inflow at boundaries =    -0.35243E-03g/sq.ft.
               Mass discrepancy =     0.10059E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22939    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18187E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31296E-01g/sq.ft.
                    Diffusion in from water table =    -0.17990    g/sq.ft.
               Total inflow at boundaries =    -0.22939    g/sq.ft.
               Mass discrepancy =    -0.89407E-07g/sq.ft.


Polygon   3
At time =      54.00, total mass in vadose zone =    0.15876E-01g/sq.ft.
Mass in gas phase     =      0.68956E-03g/sq.ft.
Mass in liquid phase  =      0.97121E-03g/sq.ft.
Mass sorbed           =      0.14216E-01g/sq.ft.

Since last printout at time =      53.50
               Change in Total Mass =    -0.34490E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20244E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12725E-03g/sq.ft.
                    Diffusion in from water table =    -0.19741E-03g/sq.ft.
               Total inflow at boundaries =    -0.34490E-03g/sq.ft.
               Mass discrepancy =    -0.29722E-08g/sq.ft.

Since beginning of run at time = 0.0
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```
               Change in Total Mass =    -0.22973    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18208E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31423E-01g/sq.ft.
                    Diffusion in from water table =    -0.18010    g/sq.ft.
               Total inflow at boundaries =    -0.22973    g/sq.ft.
               Mass discrepancy =    -0.87544E-07g/sq.ft.


Polygon   3
At time =      54.50, total mass in vadose zone =    0.15539E-01g/sq.ft.
Mass in gas phase     =      0.67490E-03g/sq.ft.
Mass in liquid phase  =      0.95057E-03g/sq.ft.
Mass sorbed           =      0.13913E-01g/sq.ft.

Since last printout at time =      54.00
               Change in Total Mass =    -0.33754E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19805E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12460E-03g/sq.ft.
                    Diffusion in from water table =    -0.19314E-03g/sq.ft.
               Total inflow at boundaries =    -0.33754E-03g/sq.ft.
               Mass discrepancy =    -0.28012E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23007    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18228E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31548E-01g/sq.ft.
                    Diffusion in from water table =    -0.18029    g/sq.ft.
               Total inflow at boundaries =    -0.23007    g/sq.ft.
               Mass discrepancy =    -0.94995E-07g/sq.ft.


Polygon   3
At time =      55.00, total mass in vadose zone =    0.15209E-01g/sq.ft.
Mass in gas phase     =      0.66056E-03g/sq.ft.
Mass in liquid phase  =      0.93036E-03g/sq.ft.
Mass sorbed           =      0.13618E-01g/sq.ft.

Since last printout at time =      54.50
               Change in Total Mass =    -0.33033E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19375E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12200E-03g/sq.ft.
                    Diffusion in from water table =    -0.18896E-03g/sq.ft.
               Total inflow at boundaries =    -0.33033E-03g/sq.ft.
               Mass discrepancy =    -0.22010E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23040    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18247E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31670E-01g/sq.ft.
                    Diffusion in from water table =    -0.18048    g/sq.ft.
               Total inflow at boundaries =    -0.23040    g/sq.ft.
               Mass discrepancy =    -0.94995E-07g/sq.ft.


Polygon   3
At time =      55.50, total mass in vadose zone =    0.14885E-01g/sq.ft.
Mass in gas phase     =      0.64651E-03g/sq.ft.
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Mass in liquid phase  =      0.91058E-03g/sq.ft.
Mass sorbed           =      0.13328E-01g/sq.ft.

Since last printout at time =      55.00
               Change in Total Mass =    -0.32329E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18956E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11945E-03g/sq.ft.
                    Diffusion in from water table =    -0.18488E-03g/sq.ft.
               Total inflow at boundaries =    -0.32328E-03g/sq.ft.
               Mass discrepancy =    -0.17335E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23072    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18266E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31789E-01g/sq.ft.
                    Diffusion in from water table =    -0.18067    g/sq.ft.
               Total inflow at boundaries =    -0.23072    g/sq.ft.
               Mass discrepancy =    -0.94064E-07g/sq.ft.


Polygon   3
At time =      56.00, total mass in vadose zone =    0.14569E-01g/sq.ft.
Mass in gas phase     =      0.63277E-03g/sq.ft.
Mass in liquid phase  =      0.89123E-03g/sq.ft.
Mass sorbed           =      0.13045E-01g/sq.ft.

Since last printout at time =      55.50
               Change in Total Mass =    -0.31639E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18546E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11695E-03g/sq.ft.
                    Diffusion in from water table =    -0.18089E-03g/sq.ft.
               Total inflow at boundaries =    -0.31639E-03g/sq.ft.
               Mass discrepancy =    -0.86402E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23104    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18284E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31906E-01g/sq.ft.
                    Diffusion in from water table =    -0.18085    g/sq.ft.
               Total inflow at boundaries =    -0.23104    g/sq.ft.
               Mass discrepancy =    -0.83819E-07g/sq.ft.


Polygon   3
At time =      56.50, total mass in vadose zone =    0.14259E-01g/sq.ft.
Mass in gas phase     =      0.61932E-03g/sq.ft.
Mass in liquid phase  =      0.87229E-03g/sq.ft.
Mass sorbed           =      0.12768E-01g/sq.ft.

Since last printout at time =      56.00
               Change in Total Mass =    -0.30964E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18145E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11451E-03g/sq.ft.
                    Diffusion in from water table =    -0.17699E-03g/sq.ft.
               Total inflow at boundaries =    -0.30964E-03g/sq.ft.
               Mass discrepancy =    -0.12369E-09g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23135    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18303E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32021E-01g/sq.ft.
                    Diffusion in from water table =    -0.18103    g/sq.ft.
               Total inflow at boundaries =    -0.23135    g/sq.ft.
               Mass discrepancy =    -0.92201E-07g/sq.ft.


Polygon   3
At time =      57.00, total mass in vadose zone =    0.13956E-01g/sq.ft.
Mass in gas phase     =      0.60616E-03g/sq.ft.
Mass in liquid phase  =      0.85375E-03g/sq.ft.
Mass sorbed           =      0.12496E-01g/sq.ft.

Since last printout at time =      56.50
               Change in Total Mass =    -0.30304E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17754E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11211E-03g/sq.ft.
                    Diffusion in from water table =    -0.17317E-03g/sq.ft.
               Total inflow at boundaries =    -0.30304E-03g/sq.ft.
               Mass discrepancy =    -0.12005E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23165    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18320E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32133E-01g/sq.ft.
                    Diffusion in from water table =    -0.18120    g/sq.ft.
               Total inflow at boundaries =    -0.23165    g/sq.ft.
               Mass discrepancy =    -0.10151E-06g/sq.ft.


Polygon   3
At time =      57.50, total mass in vadose zone =    0.13660E-01g/sq.ft.
Mass in gas phase     =      0.59328E-03g/sq.ft.
Mass in liquid phase  =      0.83561E-03g/sq.ft.
Mass sorbed           =      0.12231E-01g/sq.ft.

Since last printout at time =      57.00
               Change in Total Mass =    -0.29658E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17371E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10976E-03g/sq.ft.
                    Diffusion in from water table =    -0.16945E-03g/sq.ft.
               Total inflow at boundaries =    -0.29658E-03g/sq.ft.
               Mass discrepancy =    -0.28012E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23195    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18338E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32243E-01g/sq.ft.
                    Diffusion in from water table =    -0.18137    g/sq.ft.
               Total inflow at boundaries =    -0.23195    g/sq.ft.
               Mass discrepancy =    -0.11828E-06g/sq.ft.


Polygon   3
At time =      58.00, total mass in vadose zone =    0.13369E-01g/sq.ft.
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```
Mass in gas phase     =      0.58067E-03g/sq.ft.
Mass in liquid phase  =      0.81785E-03g/sq.ft.
Mass sorbed           =      0.11971E-01g/sq.ft.

Since last printout at time =      57.50
               Change in Total Mass =    -0.29026E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16996E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10746E-03g/sq.ft.
                    Diffusion in from water table =    -0.16580E-03g/sq.ft.
               Total inflow at boundaries =    -0.29026E-03g/sq.ft.
               Mass discrepancy =    -0.12187E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23224    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18355E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32350E-01g/sq.ft.
                    Diffusion in from water table =    -0.18153    g/sq.ft.
               Total inflow at boundaries =    -0.23224    g/sq.ft.
               Mass discrepancy =    -0.12107E-06g/sq.ft.


Polygon   3
At time =      58.50, total mass in vadose zone =    0.13085E-01g/sq.ft.
Mass in gas phase     =      0.56834E-03g/sq.ft.
Mass in liquid phase  =      0.80047E-03g/sq.ft.
Mass sorbed           =      0.11717E-01g/sq.ft.

Since last printout at time =      58.00
               Change in Total Mass =    -0.28407E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16630E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10521E-03g/sq.ft.
                    Diffusion in from water table =    -0.16224E-03g/sq.ft.
               Total inflow at boundaries =    -0.28407E-03g/sq.ft.
               Mass discrepancy =    -0.84219E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23252    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18371E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32455E-01g/sq.ft.
                    Diffusion in from water table =    -0.18170    g/sq.ft.
               Total inflow at boundaries =    -0.23252    g/sq.ft.
               Mass discrepancy =    -0.12945E-06g/sq.ft.


Polygon   3
At time =      59.00, total mass in vadose zone =    0.12807E-01g/sq.ft.
Mass in gas phase     =      0.55626E-03g/sq.ft.
Mass in liquid phase  =      0.78347E-03g/sq.ft.
Mass sorbed           =      0.11468E-01g/sq.ft.

Since last printout at time =      58.50
               Change in Total Mass =    -0.27802E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16273E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10300E-03g/sq.ft.
                    Diffusion in from water table =    -0.15875E-03g/sq.ft.
               Total inflow at boundaries =    -0.27802E-03g/sq.ft.
               Mass discrepancy =     0.11823E-09g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23280    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18388E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32558E-01g/sq.ft.
                    Diffusion in from water table =    -0.18186    g/sq.ft.
               Total inflow at boundaries =    -0.23280    g/sq.ft.
               Mass discrepancy =    -0.14249E-06g/sq.ft.


Polygon   3
At time =      59.50, total mass in vadose zone =    0.12535E-01g/sq.ft.
Mass in gas phase     =      0.54444E-03g/sq.ft.
Mass in liquid phase  =      0.76682E-03g/sq.ft.
Mass sorbed           =      0.11224E-01g/sq.ft.

Since last printout at time =      59.00
               Change in Total Mass =    -0.27210E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15923E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10083E-03g/sq.ft.
                    Diffusion in from water table =    -0.15534E-03g/sq.ft.
               Total inflow at boundaries =    -0.27210E-03g/sq.ft.
               Mass discrepancy =    -0.11260E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23307    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18404E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32659E-01g/sq.ft.
                    Diffusion in from water table =    -0.18201    g/sq.ft.
               Total inflow at boundaries =    -0.23307    g/sq.ft.
               Mass discrepancy =    -0.13970E-06g/sq.ft.


Polygon   3
At time =      60.00, total mass in vadose zone =    0.12269E-01g/sq.ft.
Mass in gas phase     =      0.53288E-03g/sq.ft.
Mass in liquid phase  =      0.75053E-03g/sq.ft.
Mass sorbed           =      0.10986E-01g/sq.ft.

Since last printout at time =      59.50
               Change in Total Mass =    -0.26631E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15580E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.98715E-04g/sq.ft.
                    Diffusion in from water table =    -0.15201E-03g/sq.ft.
               Total inflow at boundaries =    -0.26630E-03g/sq.ft.
               Mass discrepancy =    -0.93496E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23334    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18419E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32758E-01g/sq.ft.
                    Diffusion in from water table =    -0.18216    g/sq.ft.
               Total inflow at boundaries =    -0.23334    g/sq.ft.
               Mass discrepancy =    -0.14063E-06g/sq.ft.


Polygon   3
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At time =      60.50, total mass in vadose zone =    0.12008E-01g/sq.ft.
Mass in gas phase     =      0.52156E-03g/sq.ft.
Mass in liquid phase  =      0.73459E-03g/sq.ft.
Mass sorbed           =      0.10752E-01g/sq.ft.

Since last printout at time =      60.00
               Change in Total Mass =    -0.26064E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15246E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.96640E-04g/sq.ft.
                    Diffusion in from water table =    -0.14875E-03g/sq.ft.
               Total inflow at boundaries =    -0.26063E-03g/sq.ft.
               Mass discrepancy =    -0.11760E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23360    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18434E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32854E-01g/sq.ft.
                    Diffusion in from water table =    -0.18231    g/sq.ft.
               Total inflow at boundaries =    -0.23360    g/sq.ft.
               Mass discrepancy =    -0.13597E-06g/sq.ft.


Polygon   3
At time =      61.00, total mass in vadose zone =    0.11753E-01g/sq.ft.
Mass in gas phase     =      0.51048E-03g/sq.ft.
Mass in liquid phase  =      0.71898E-03g/sq.ft.
Mass sorbed           =      0.10524E-01g/sq.ft.

Since last printout at time =      60.50
               Change in Total Mass =    -0.25509E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14919E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.94607E-04g/sq.ft.
                    Diffusion in from water table =    -0.14556E-03g/sq.ft.
               Total inflow at boundaries =    -0.25509E-03g/sq.ft.
               Mass discrepancy =     0.70031E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23386    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18449E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32949E-01g/sq.ft.
                    Diffusion in from water table =    -0.18246    g/sq.ft.
               Total inflow at boundaries =    -0.23386    g/sq.ft.
               Mass discrepancy =    -0.13970E-06g/sq.ft.


Polygon   3
At time =      61.50, total mass in vadose zone =    0.11504E-01g/sq.ft.
Mass in gas phase     =      0.49963E-03g/sq.ft.
Mass in liquid phase  =      0.70371E-03g/sq.ft.
Mass sorbed           =      0.10300E-01g/sq.ft.

Since last printout at time =      61.00
               Change in Total Mass =    -0.24966E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14599E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.92616E-04g/sq.ft.
                    Diffusion in from water table =    -0.14244E-03g/sq.ft.
               Total inflow at boundaries =    -0.24966E-03g/sq.ft.
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               Mass discrepancy =     0.12005E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23411    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18464E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33042E-01g/sq.ft.
                    Diffusion in from water table =    -0.18260    g/sq.ft.
               Total inflow at boundaries =    -0.23411    g/sq.ft.
               Mass discrepancy =    -0.12666E-06g/sq.ft.


Polygon   3
At time =      62.00, total mass in vadose zone =    0.11259E-01g/sq.ft.
Mass in gas phase     =      0.48902E-03g/sq.ft.
Mass in liquid phase  =      0.68876E-03g/sq.ft.
Mass sorbed           =      0.10081E-01g/sq.ft.

Since last printout at time =      61.50
               Change in Total Mass =    -0.24434E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14286E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.90667E-04g/sq.ft.
                    Diffusion in from water table =    -0.13939E-03g/sq.ft.
               Total inflow at boundaries =    -0.24434E-03g/sq.ft.
               Mass discrepancy =    -0.82036E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23435    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18478E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33132E-01g/sq.ft.
                    Diffusion in from water table =    -0.18274    g/sq.ft.
               Total inflow at boundaries =    -0.23435    g/sq.ft.
               Mass discrepancy =    -0.16205E-06g/sq.ft.


Polygon   3
At time =      62.50, total mass in vadose zone =    0.11020E-01g/sq.ft.
Mass in gas phase     =      0.47863E-03g/sq.ft.
Mass in liquid phase  =      0.67413E-03g/sq.ft.
Mass sorbed           =      0.98673E-02g/sq.ft.

Since last printout at time =      62.00
               Change in Total Mass =    -0.23914E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13980E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.88757E-04g/sq.ft.
                    Diffusion in from water table =    -0.13641E-03g/sq.ft.
               Total inflow at boundaries =    -0.23914E-03g/sq.ft.
               Mass discrepancy =     0.28012E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23459    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18492E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33221E-01g/sq.ft.
                    Diffusion in from water table =    -0.18288    g/sq.ft.
               Total inflow at boundaries =    -0.23459    g/sq.ft.
               Mass discrepancy =    -0.21048E-06g/sq.ft.
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```
Polygon   3
At time =      63.00, total mass in vadose zone =    0.10786E-01g/sq.ft.
Mass in gas phase     =      0.46847E-03g/sq.ft.
Mass in liquid phase  =      0.65981E-03g/sq.ft.
Mass sorbed           =      0.96577E-02g/sq.ft.

Since last printout at time =      62.50
               Change in Total Mass =    -0.23406E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13680E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.86887E-04g/sq.ft.
                    Diffusion in from water table =    -0.13349E-03g/sq.ft.
               Total inflow at boundaries =    -0.23406E-03g/sq.ft.
               Mass discrepancy =     0.81855E-11g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23482    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18506E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33308E-01g/sq.ft.
                    Diffusion in from water table =    -0.18301    g/sq.ft.
               Total inflow at boundaries =    -0.23482    g/sq.ft.
               Mass discrepancy =    -0.17975E-06g/sq.ft.


Polygon   3
At time =      63.50, total mass in vadose zone =    0.10557E-01g/sq.ft.
Mass in gas phase     =      0.45852E-03g/sq.ft.
Mass in liquid phase  =      0.64580E-03g/sq.ft.
Mass sorbed           =      0.94526E-02g/sq.ft.

Since last printout at time =      63.00
               Change in Total Mass =    -0.22908E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13387E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.85056E-04g/sq.ft.
                    Diffusion in from water table =    -0.13063E-03g/sq.ft.
               Total inflow at boundaries =    -0.22908E-03g/sq.ft.
               Mass discrepancy =    -0.12960E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23505    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18519E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33393E-01g/sq.ft.
                    Diffusion in from water table =    -0.18314    g/sq.ft.
               Total inflow at boundaries =    -0.23505    g/sq.ft.
               Mass discrepancy =    -0.19465E-06g/sq.ft.


Polygon   3
At time =      64.00, total mass in vadose zone =    0.10333E-01g/sq.ft.
Mass in gas phase     =      0.44878E-03g/sq.ft.
Mass in liquid phase  =      0.63209E-03g/sq.ft.
Mass sorbed           =      0.92519E-02g/sq.ft.

Since last printout at time =      63.50
               Change in Total Mass =    -0.22420E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13101E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.83262E-04g/sq.ft.
                    Diffusion in from water table =    -0.12784E-03g/sq.ft.
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               Total inflow at boundaries =    -0.22420E-03g/sq.ft.
               Mass discrepancy =     0.55661E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23528    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18532E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33476E-01g/sq.ft.
                    Diffusion in from water table =    -0.18327    g/sq.ft.
               Total inflow at boundaries =    -0.23528    g/sq.ft.
               Mass discrepancy =    -0.19278E-06g/sq.ft.


Polygon   3
At time =      64.50, total mass in vadose zone =    0.10113E-01g/sq.ft.
Mass in gas phase     =      0.43925E-03g/sq.ft.
Mass in liquid phase  =      0.61866E-03g/sq.ft.
Mass sorbed           =      0.90554E-02g/sq.ft.

Since last printout at time =      64.00
               Change in Total Mass =    -0.21944E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12821E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.81506E-04g/sq.ft.
                    Diffusion in from water table =    -0.12511E-03g/sq.ft.
               Total inflow at boundaries =    -0.21943E-03g/sq.ft.
               Mass discrepancy =    -0.14734E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23550    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18545E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33558E-01g/sq.ft.
                    Diffusion in from water table =    -0.18339    g/sq.ft.
               Total inflow at boundaries =    -0.23550    g/sq.ft.
               Mass discrepancy =    -0.20023E-06g/sq.ft.


Polygon   3
At time =      65.00, total mass in vadose zone =    0.98985E-02g/sq.ft.
Mass in gas phase     =      0.42992E-03g/sq.ft.
Mass in liquid phase  =      0.60552E-03g/sq.ft.
Mass sorbed           =      0.88631E-02g/sq.ft.

Since last printout at time =      64.50
               Change in Total Mass =    -0.21477E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12546E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.79786E-04g/sq.ft.
                    Diffusion in from water table =    -0.12244E-03g/sq.ft.
               Total inflow at boundaries =    -0.21477E-03g/sq.ft.
               Mass discrepancy =     0.61846E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23571    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18558E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33638E-01g/sq.ft.
                    Diffusion in from water table =    -0.18351    g/sq.ft.
               Total inflow at boundaries =    -0.23571    g/sq.ft.
               Mass discrepancy =    -0.19558E-06g/sq.ft.
```

```
Polygon   3
At time =      65.50, total mass in vadose zone =    0.96883E-02g/sq.ft.
Mass in gas phase     =      0.42079E-03g/sq.ft.
Mass in liquid phase  =      0.59267E-03g/sq.ft.
Mass sorbed           =      0.86749E-02g/sq.ft.

Since last printout at time =      65.00
               Change in Total Mass =    -0.21020E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12278E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.78103E-04g/sq.ft.
                    Diffusion in from water table =    -0.11982E-03g/sq.ft.
               Total inflow at boundaries =    -0.21020E-03g/sq.ft.
               Mass discrepancy =    -0.95315E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23592    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18570E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33716E-01g/sq.ft.
                    Diffusion in from water table =    -0.18363    g/sq.ft.
               Total inflow at boundaries =    -0.23592    g/sq.ft.
               Mass discrepancy =    -0.21327E-06g/sq.ft.


Polygon   3
At time =      66.00, total mass in vadose zone =    0.94826E-02g/sq.ft.
Mass in gas phase     =      0.41186E-03g/sq.ft.
Mass in liquid phase  =      0.58008E-03g/sq.ft.
Mass sorbed           =      0.84907E-02g/sq.ft.

Since last printout at time =      65.50
               Change in Total Mass =    -0.20573E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12016E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.76454E-04g/sq.ft.
                    Diffusion in from water table =    -0.11726E-03g/sq.ft.
               Total inflow at boundaries =    -0.20573E-03g/sq.ft.
               Mass discrepancy =     0.32742E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23613    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18582E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33792E-01g/sq.ft.
                    Diffusion in from water table =    -0.18375    g/sq.ft.
               Total inflow at boundaries =    -0.23613    g/sq.ft.
               Mass discrepancy =    -0.21793E-06g/sq.ft.


Polygon   3
At time =      66.50, total mass in vadose zone =    0.92812E-02g/sq.ft.
Mass in gas phase     =      0.40311E-03g/sq.ft.
Mass in liquid phase  =      0.56776E-03g/sq.ft.
Mass sorbed           =      0.83104E-02g/sq.ft.

Since last printout at time =      66.00
               Change in Total Mass =    -0.20136E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11759E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.74839E-04g/sq.ft.
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                    Diffusion in from water table =    -0.11476E-03g/sq.ft.
               Total inflow at boundaries =    -0.20136E-03g/sq.ft.
               Mass discrepancy =     0.52387E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23633    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18594E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33867E-01g/sq.ft.
                    Diffusion in from water table =    -0.18387    g/sq.ft.
               Total inflow at boundaries =    -0.23633    g/sq.ft.
               Mass discrepancy =    -0.21048E-06g/sq.ft.


Polygon   3
At time =      67.00, total mass in vadose zone =    0.90842E-02g/sq.ft.
Mass in gas phase     =      0.39455E-03g/sq.ft.
Mass in liquid phase  =      0.55571E-03g/sq.ft.
Mass sorbed           =      0.81339E-02g/sq.ft.

Since last printout at time =      66.50
               Change in Total Mass =    -0.19708E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11508E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.73258E-04g/sq.ft.
                    Diffusion in from water table =    -0.11231E-03g/sq.ft.
               Total inflow at boundaries =    -0.19708E-03g/sq.ft.
               Mass discrepancy =    -0.15780E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23652    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18605E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33940E-01g/sq.ft.
                    Diffusion in from water table =    -0.18398    g/sq.ft.
               Total inflow at boundaries =    -0.23652    g/sq.ft.
               Mass discrepancy =    -0.21234E-06g/sq.ft.


Polygon   3
At time =      67.50, total mass in vadose zone =    0.88913E-02g/sq.ft.
Mass in gas phase     =      0.38617E-03g/sq.ft.
Mass in liquid phase  =      0.54391E-03g/sq.ft.
Mass sorbed           =      0.79612E-02g/sq.ft.

Since last printout at time =      67.00
               Change in Total Mass =    -0.19289E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11263E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.71711E-04g/sq.ft.
                    Diffusion in from water table =    -0.10991E-03g/sq.ft.
               Total inflow at boundaries =    -0.19289E-03g/sq.ft.
               Mass discrepancy =     0.15552E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23672    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18616E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34012E-01g/sq.ft.
                    Diffusion in from water table =    -0.18409    g/sq.ft.
               Total inflow at boundaries =    -0.23672    g/sq.ft.
               Mass discrepancy =    -0.21048E-06g/sq.ft.
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Polygon   3
At time =      68.00, total mass in vadose zone =    0.87025E-02g/sq.ft.
Mass in gas phase     =      0.37797E-03g/sq.ft.
Mass in liquid phase  =      0.53236E-03g/sq.ft.
Mass sorbed           =      0.77922E-02g/sq.ft.

Since last printout at time =      67.50
               Change in Total Mass =    -0.18879E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11022E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.70195E-04g/sq.ft.
                    Diffusion in from water table =    -0.10757E-03g/sq.ft.
               Total inflow at boundaries =    -0.18879E-03g/sq.ft.
               Mass discrepancy =    -0.96225E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23691    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18628E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34082E-01g/sq.ft.
                    Diffusion in from water table =    -0.18420    g/sq.ft.
               Total inflow at boundaries =    -0.23691    g/sq.ft.
               Mass discrepancy =    -0.22072E-06g/sq.ft.


Polygon   3
At time =      68.50, total mass in vadose zone =    0.85177E-02g/sq.ft.
Mass in gas phase     =      0.36995E-03g/sq.ft.
Mass in liquid phase  =      0.52106E-03g/sq.ft.
Mass sorbed           =      0.76267E-02g/sq.ft.

Since last printout at time =      68.00
               Change in Total Mass =    -0.18478E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10787E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.68712E-04g/sq.ft.
                    Diffusion in from water table =    -0.10528E-03g/sq.ft.
               Total inflow at boundaries =    -0.18478E-03g/sq.ft.
               Mass discrepancy =    -0.34379E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23709    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18638E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34151E-01g/sq.ft.
                    Diffusion in from water table =    -0.18430    g/sq.ft.
               Total inflow at boundaries =    -0.23709    g/sq.ft.
               Mass discrepancy =    -0.22259E-06g/sq.ft.


Polygon   3
At time =      69.00, total mass in vadose zone =    0.83369E-02g/sq.ft.
Mass in gas phase     =      0.36209E-03g/sq.ft.
Mass in liquid phase  =      0.50999E-03g/sq.ft.
Mass sorbed           =      0.74648E-02g/sq.ft.

Since last printout at time =      68.50
               Change in Total Mass =    -0.18085E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10557E-04g/sq.ft.
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                    Diffusion in from atmosphere =     -0.67259E-04g/sq.ft.
                    Diffusion in from water table =    -0.10303E-03g/sq.ft.
               Total inflow at boundaries =    -0.18085E-03g/sq.ft.
               Mass discrepancy =    -0.74670E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23727    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18649E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34218E-01g/sq.ft.
                    Diffusion in from water table =    -0.18440    g/sq.ft.
               Total inflow at boundaries =    -0.23727    g/sq.ft.
               Mass discrepancy =    -0.21327E-06g/sq.ft.


Polygon   3
At time =      69.50, total mass in vadose zone =    0.81599E-02g/sq.ft.
Mass in gas phase     =      0.35441E-03g/sq.ft.
Mass in liquid phase  =      0.49916E-03g/sq.ft.
Mass sorbed           =      0.73063E-02g/sq.ft.

Since last printout at time =      69.00
               Change in Total Mass =    -0.17701E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10332E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.65837E-04g/sq.ft.
                    Diffusion in from water table =    -0.10084E-03g/sq.ft.
               Total inflow at boundaries =    -0.17701E-03g/sq.ft.
               Mass discrepancy =     0.57662E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23745    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18659E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34284E-01g/sq.ft.
                    Diffusion in from water table =    -0.18451    g/sq.ft.
               Total inflow at boundaries =    -0.23745    g/sq.ft.
               Mass discrepancy =    -0.21327E-06g/sq.ft.


Polygon   3
At time =      70.00, total mass in vadose zone =    0.79866E-02g/sq.ft.
Mass in gas phase     =      0.34688E-03g/sq.ft.
Mass in liquid phase  =      0.48857E-03g/sq.ft.
Mass sorbed           =      0.71512E-02g/sq.ft.

Since last printout at time =      69.50
               Change in Total Mass =    -0.17325E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10112E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.64444E-04g/sq.ft.
                    Diffusion in from water table =    -0.98689E-04g/sq.ft.
               Total inflow at boundaries =    -0.17324E-03g/sq.ft.
               Mass discrepancy =    -0.92496E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23762    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18669E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34348E-01g/sq.ft.
                    Diffusion in from water table =    -0.18460    g/sq.ft.
               Total inflow at boundaries =    -0.23762    g/sq.ft.
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               Mass discrepancy =    -0.21234E-06g/sq.ft.


Polygon   3
At time =      70.50, total mass in vadose zone =    0.78171E-02g/sq.ft.
Mass in gas phase     =      0.33952E-03g/sq.ft.
Mass in liquid phase  =      0.47819E-03g/sq.ft.
Mass sorbed           =      0.69993E-02g/sq.ft.

Since last printout at time =      70.00
               Change in Total Mass =    -0.16956E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98961E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.63081E-04g/sq.ft.
                    Diffusion in from water table =    -0.96586E-04g/sq.ft.
               Total inflow at boundaries =    -0.16956E-03g/sq.ft.
               Mass discrepancy =    -0.52751E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23779    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18679E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34411E-01g/sq.ft.
                    Diffusion in from water table =    -0.18470    g/sq.ft.
               Total inflow at boundaries =    -0.23779    g/sq.ft.
               Mass discrepancy =    -0.22724E-06g/sq.ft.


Polygon   3
At time =      71.00, total mass in vadose zone =    0.76511E-02g/sq.ft.
Mass in gas phase     =      0.33231E-03g/sq.ft.
Mass in liquid phase  =      0.46804E-03g/sq.ft.
Mass sorbed           =      0.68507E-02g/sq.ft.

Since last printout at time =      70.50
               Change in Total Mass =    -0.16596E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96853E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.61746E-04g/sq.ft.
                    Diffusion in from water table =    -0.94529E-04g/sq.ft.
               Total inflow at boundaries =    -0.16596E-03g/sq.ft.
               Mass discrepancy =    -0.38926E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23796    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18689E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34473E-01g/sq.ft.
                    Diffusion in from water table =    -0.18480    g/sq.ft.
               Total inflow at boundaries =    -0.23796    g/sq.ft.
               Mass discrepancy =    -0.22305E-06g/sq.ft.


Polygon   3
At time =      71.50, total mass in vadose zone =    0.74887E-02g/sq.ft.
Mass in gas phase     =      0.32525E-03g/sq.ft.
Mass in liquid phase  =      0.45810E-03g/sq.ft.
Mass sorbed           =      0.67053E-02g/sq.ft.

Since last printout at time =      71.00
               Change in Total Mass =    -0.16244E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.94789E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.60440E-04g/sq.ft.
                    Diffusion in from water table =    -0.92516E-04g/sq.ft.
               Total inflow at boundaries =    -0.16243E-03g/sq.ft.
               Mass discrepancy =    -0.35925E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23812    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18698E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34534E-01g/sq.ft.
                    Diffusion in from water table =    -0.18489    g/sq.ft.
               Total inflow at boundaries =    -0.23812    g/sq.ft.
               Mass discrepancy =    -0.20023E-06g/sq.ft.


Polygon   3
At time =      72.00, total mass in vadose zone =    0.73297E-02g/sq.ft.
Mass in gas phase     =      0.31835E-03g/sq.ft.
Mass in liquid phase  =      0.44838E-03g/sq.ft.
Mass sorbed           =      0.65629E-02g/sq.ft.

Since last printout at time =      71.50
               Change in Total Mass =    -0.15898E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92770E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.59161E-04g/sq.ft.
                    Diffusion in from water table =    -0.90546E-04g/sq.ft.
               Total inflow at boundaries =    -0.15898E-03g/sq.ft.
               Mass discrepancy =     0.26193E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23828    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18708E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34593E-01g/sq.ft.
                    Diffusion in from water table =    -0.18498    g/sq.ft.
               Total inflow at boundaries =    -0.23828    g/sq.ft.
               Mass discrepancy =    -0.19046E-06g/sq.ft.


Polygon   3
At time =      72.50, total mass in vadose zone =    0.71741E-02g/sq.ft.
Mass in gas phase     =      0.31159E-03g/sq.ft.
Mass in liquid phase  =      0.43886E-03g/sq.ft.
Mass sorbed           =      0.64236E-02g/sq.ft.

Since last printout at time =      72.00
               Change in Total Mass =    -0.15561E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.90794E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.57908E-04g/sq.ft.
                    Diffusion in from water table =    -0.88619E-04g/sq.ft.
               Total inflow at boundaries =    -0.15561E-03g/sq.ft.
               Mass discrepancy =    -0.61118E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23843    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18717E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34651E-01g/sq.ft.
                    Diffusion in from water table =    -0.18507    g/sq.ft.
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               Total inflow at boundaries =    -0.23843    g/sq.ft.
               Mass discrepancy =    -0.19418E-06g/sq.ft.


Polygon   3
At time =      73.00, total mass in vadose zone =    0.70218E-02g/sq.ft.
Mass in gas phase     =      0.30498E-03g/sq.ft.
Mass in liquid phase  =      0.42954E-03g/sq.ft.
Mass sorbed           =      0.62872E-02g/sq.ft.

Since last printout at time =      72.50
               Change in Total Mass =    -0.15230E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.88861E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.56683E-04g/sq.ft.
                    Diffusion in from water table =    -0.86732E-04g/sq.ft.
               Total inflow at boundaries =    -0.15230E-03g/sq.ft.
               Mass discrepancy =     0.55297E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23859    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18726E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34707E-01g/sq.ft.
                    Diffusion in from water table =    -0.18515    g/sq.ft.
               Total inflow at boundaries =    -0.23859    g/sq.ft.
               Mass discrepancy =    -0.19930E-06g/sq.ft.


Polygon   3
At time =      73.50, total mass in vadose zone =    0.68727E-02g/sq.ft.
Mass in gas phase     =      0.29850E-03g/sq.ft.
Mass in liquid phase  =      0.42042E-03g/sq.ft.
Mass sorbed           =      0.61538E-02g/sq.ft.

Since last printout at time =      73.00
               Change in Total Mass =    -0.14907E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86969E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.55482E-04g/sq.ft.
                    Diffusion in from water table =    -0.84887E-04g/sq.ft.
               Total inflow at boundaries =    -0.14907E-03g/sq.ft.
               Mass discrepancy =    -0.53842E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23874    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18734E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34763E-01g/sq.ft.
                    Diffusion in from water table =    -0.18524    g/sq.ft.
               Total inflow at boundaries =    -0.23874    g/sq.ft.
               Mass discrepancy =    -0.21514E-06g/sq.ft.


Polygon   3
At time =      74.00, total mass in vadose zone =    0.67268E-02g/sq.ft.
Mass in gas phase     =      0.29216E-03g/sq.ft.
Mass in liquid phase  =      0.41150E-03g/sq.ft.
Mass sorbed           =      0.60231E-02g/sq.ft.

Since last printout at time =      73.50
               Change in Total Mass =    -0.14590E-03g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.85118E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.54308E-04g/sq.ft.
                    Diffusion in from water table =    -0.83080E-04g/sq.ft.
               Total inflow at boundaries =    -0.14590E-03g/sq.ft.
               Mass discrepancy =    -0.32469E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23888    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18743E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34817E-01g/sq.ft.
                    Diffusion in from water table =    -0.18532    g/sq.ft.
               Total inflow at boundaries =    -0.23888    g/sq.ft.
               Mass discrepancy =    -0.21048E-06g/sq.ft.


Polygon   3
At time =      74.50, total mass in vadose zone =    0.65840E-02g/sq.ft.
Mass in gas phase     =      0.28596E-03g/sq.ft.
Mass in liquid phase  =      0.40276E-03g/sq.ft.
Mass sorbed           =      0.58953E-02g/sq.ft.

Since last printout at time =      74.00
               Change in Total Mass =    -0.14280E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.83307E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.53157E-04g/sq.ft.
                    Diffusion in from water table =    -0.81313E-04g/sq.ft.
               Total inflow at boundaries =    -0.14280E-03g/sq.ft.
               Mass discrepancy =    -0.71304E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23902    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18751E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34870E-01g/sq.ft.
                    Diffusion in from water table =    -0.18540    g/sq.ft.
               Total inflow at boundaries =    -0.23902    g/sq.ft.
               Mass discrepancy =    -0.20862E-06g/sq.ft.


Polygon   3
At time =      75.00, total mass in vadose zone =    0.64442E-02g/sq.ft.
Mass in gas phase     =      0.27989E-03g/sq.ft.
Mass in liquid phase  =      0.39421E-03g/sq.ft.
Mass sorbed           =      0.57701E-02g/sq.ft.

Since last printout at time =      74.50
               Change in Total Mass =    -0.13977E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.81534E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.52032E-04g/sq.ft.
                    Diffusion in from water table =    -0.79583E-04g/sq.ft.
               Total inflow at boundaries =    -0.13977E-03g/sq.ft.
               Mass discrepancy =     0.90949E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23916    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18759E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34922E-01g/sq.ft.
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                    Diffusion in from water table =    -0.18548    g/sq.ft.
               Total inflow at boundaries =    -0.23916    g/sq.ft.
               Mass discrepancy =    -0.22957E-06g/sq.ft.


Polygon   3
At time =      75.50, total mass in vadose zone =    0.63074E-02g/sq.ft.
Mass in gas phase     =      0.27395E-03g/sq.ft.
Mass in liquid phase  =      0.38584E-03g/sq.ft.
Mass sorbed           =      0.56476E-02g/sq.ft.

Since last printout at time =      75.00
               Change in Total Mass =    -0.13680E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.79799E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.50929E-04g/sq.ft.
                    Diffusion in from water table =    -0.77890E-04g/sq.ft.
               Total inflow at boundaries =    -0.13680E-03g/sq.ft.
               Mass discrepancy =    -0.69758E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23930    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18767E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34973E-01g/sq.ft.
                    Diffusion in from water table =    -0.18556    g/sq.ft.
               Total inflow at boundaries =    -0.23930    g/sq.ft.
               Mass discrepancy =    -0.21653E-06g/sq.ft.


Polygon   3
At time =      76.00, total mass in vadose zone =    0.61735E-02g/sq.ft.
Mass in gas phase     =      0.26813E-03g/sq.ft.
Mass in liquid phase  =      0.37765E-03g/sq.ft.
Mass sorbed           =      0.55277E-02g/sq.ft.

Since last printout at time =      75.50
               Change in Total Mass =    -0.13389E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.78101E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.49851E-04g/sq.ft.
                    Diffusion in from water table =    -0.76233E-04g/sq.ft.
               Total inflow at boundaries =    -0.13389E-03g/sq.ft.
               Mass discrepancy =    -0.26648E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23944    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18775E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35023E-01g/sq.ft.
                    Diffusion in from water table =    -0.18564    g/sq.ft.
               Total inflow at boundaries =    -0.23944    g/sq.ft.
               Mass discrepancy =    -0.21840E-06g/sq.ft.


Polygon   3
At time =      76.50, total mass in vadose zone =    0.60425E-02g/sq.ft.
Mass in gas phase     =      0.26244E-03g/sq.ft.
Mass in liquid phase  =      0.36964E-03g/sq.ft.
Mass sorbed           =      0.54104E-02g/sq.ft.

Since last printout at time =      76.00
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```
               Change in Total Mass =    -0.13105E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76440E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.48794E-04g/sq.ft.
                    Diffusion in from water table =    -0.74612E-04g/sq.ft.
               Total inflow at boundaries =    -0.13105E-03g/sq.ft.
               Mass discrepancy =     0.48749E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23957    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18783E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35072E-01g/sq.ft.
                    Diffusion in from water table =    -0.18571    g/sq.ft.
               Total inflow at boundaries =    -0.23957    g/sq.ft.
               Mass discrepancy =    -0.23702E-06g/sq.ft.


Polygon   3
At time =      77.00, total mass in vadose zone =    0.59142E-02g/sq.ft.
Mass in gas phase     =      0.25687E-03g/sq.ft.
Mass in liquid phase  =      0.36179E-03g/sq.ft.
Mass sorbed           =      0.52956E-02g/sq.ft.

Since last printout at time =      76.50
               Change in Total Mass =    -0.12827E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.74814E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.47761E-04g/sq.ft.
                    Diffusion in from water table =    -0.73026E-04g/sq.ft.
               Total inflow at boundaries =    -0.12827E-03g/sq.ft.
               Mass discrepancy =    -0.22465E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23969    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18790E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35120E-01g/sq.ft.
                    Diffusion in from water table =    -0.18578    g/sq.ft.
               Total inflow at boundaries =    -0.23969    g/sq.ft.
               Mass discrepancy =    -0.23376E-06g/sq.ft.


Polygon   3
At time =      77.50, total mass in vadose zone =    0.57887E-02g/sq.ft.
Mass in gas phase     =      0.25142E-03g/sq.ft.
Mass in liquid phase  =      0.35411E-03g/sq.ft.
Mass sorbed           =      0.51831E-02g/sq.ft.

Since last printout at time =      77.00
               Change in Total Mass =    -0.12555E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.73223E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.46748E-04g/sq.ft.
                    Diffusion in from water table =    -0.71473E-04g/sq.ft.
               Total inflow at boundaries =    -0.12554E-03g/sq.ft.
               Mass discrepancy =    -0.13570E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23982    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18798E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.35166E-01g/sq.ft.
                    Diffusion in from water table =    -0.18586    g/sq.ft.
               Total inflow at boundaries =    -0.23982    g/sq.ft.
               Mass discrepancy =    -0.25705E-06g/sq.ft.


Polygon   3
At time =      78.00, total mass in vadose zone =    0.56658E-02g/sq.ft.
Mass in gas phase     =      0.24608E-03g/sq.ft.
Mass in liquid phase  =      0.34659E-03g/sq.ft.
Mass sorbed           =      0.50731E-02g/sq.ft.

Since last printout at time =      77.50
               Change in Total Mass =    -0.12288E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71666E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.45758E-04g/sq.ft.
                    Diffusion in from water table =    -0.69953E-04g/sq.ft.
               Total inflow at boundaries =    -0.12288E-03g/sq.ft.
               Mass discrepancy =     0.48385E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23994    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18805E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35212E-01g/sq.ft.
                    Diffusion in from water table =    -0.18593    g/sq.ft.
               Total inflow at boundaries =    -0.23994    g/sq.ft.
               Mass discrepancy =    -0.24820E-06g/sq.ft.


Polygon   3
At time =      78.50, total mass in vadose zone =    0.55455E-02g/sq.ft.
Mass in gas phase     =      0.24086E-03g/sq.ft.
Mass in liquid phase  =      0.33924E-03g/sq.ft.
Mass sorbed           =      0.49654E-02g/sq.ft.

Since last printout at time =      78.00
               Change in Total Mass =    -0.12027E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.70142E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.44788E-04g/sq.ft.
                    Diffusion in from water table =    -0.68466E-04g/sq.ft.
               Total inflow at boundaries =    -0.12027E-03g/sq.ft.
               Mass discrepancy =    -0.15007E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24006    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18812E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35257E-01g/sq.ft.
                    Diffusion in from water table =    -0.18599    g/sq.ft.
               Total inflow at boundaries =    -0.24006    g/sq.ft.
               Mass discrepancy =    -0.24214E-06g/sq.ft.


Polygon   3
At time =      79.00, total mass in vadose zone =    0.54278E-02g/sq.ft.
Mass in gas phase     =      0.23575E-03g/sq.ft.
Mass in liquid phase  =      0.33204E-03g/sq.ft.
Mass sorbed           =      0.48600E-02g/sq.ft.
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```
Since last printout at time =      78.50
               Change in Total Mass =    -0.11772E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68651E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.43839E-04g/sq.ft.
                    Diffusion in from water table =    -0.67011E-04g/sq.ft.
               Total inflow at boundaries =    -0.11771E-03g/sq.ft.
               Mass discrepancy =    -0.71441E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24018    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18819E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35301E-01g/sq.ft.
                    Diffusion in from water table =    -0.18606    g/sq.ft.
               Total inflow at boundaries =    -0.24018    g/sq.ft.
               Mass discrepancy =    -0.27195E-06g/sq.ft.


Polygon   3
At time =      79.50, total mass in vadose zone =    0.53126E-02g/sq.ft.
Mass in gas phase     =      0.23074E-03g/sq.ft.
Mass in liquid phase  =      0.32499E-03g/sq.ft.
Mass sorbed           =      0.47569E-02g/sq.ft.

Since last printout at time =      79.00
               Change in Total Mass =    -0.11522E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67192E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.42909E-04g/sq.ft.
                    Diffusion in from water table =    -0.65587E-04g/sq.ft.
               Total inflow at boundaries =    -0.11522E-03g/sq.ft.
               Mass discrepancy =    -0.53706E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24030    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18825E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35344E-01g/sq.ft.
                    Diffusion in from water table =    -0.18613    g/sq.ft.
               Total inflow at boundaries =    -0.24030    g/sq.ft.
               Mass discrepancy =    -0.24773E-06g/sq.ft.


Polygon   3
At time =      80.00, total mass in vadose zone =    0.51998E-02g/sq.ft.
Mass in gas phase     =      0.22584E-03g/sq.ft.
Mass in liquid phase  =      0.31809E-03g/sq.ft.
Mass sorbed           =      0.46559E-02g/sq.ft.

Since last printout at time =      79.50
               Change in Total Mass =    -0.11277E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65763E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.42000E-04g/sq.ft.
                    Diffusion in from water table =    -0.64193E-04g/sq.ft.
               Total inflow at boundaries =    -0.11277E-03g/sq.ft.
               Mass discrepancy =     0.59708E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24041    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.18832E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35386E-01g/sq.ft.
                    Diffusion in from water table =    -0.18619    g/sq.ft.
               Total inflow at boundaries =    -0.24041    g/sq.ft.
               Mass discrepancy =    -0.26263E-06g/sq.ft.


Polygon   3
At time =      80.50, total mass in vadose zone =    0.50894E-02g/sq.ft.
Mass in gas phase     =      0.22105E-03g/sq.ft.
Mass in liquid phase  =      0.31134E-03g/sq.ft.
Mass sorbed           =      0.45571E-02g/sq.ft.

Since last printout at time =      80.00
               Change in Total Mass =    -0.11037E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64365E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.41110E-04g/sq.ft.
                    Diffusion in from water table =    -0.62828E-04g/sq.ft.
               Total inflow at boundaries =    -0.11037E-03g/sq.ft.
               Mass discrepancy =     0.17462E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24052    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18838E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35427E-01g/sq.ft.
                    Diffusion in from water table =    -0.18625    g/sq.ft.
               Total inflow at boundaries =    -0.24052    g/sq.ft.
               Mass discrepancy =    -0.26962E-06g/sq.ft.


Polygon   3
At time =      81.00, total mass in vadose zone =    0.49814E-02g/sq.ft.
Mass in gas phase     =      0.21636E-03g/sq.ft.
Mass in liquid phase  =      0.30473E-03g/sq.ft.
Mass sorbed           =      0.44603E-02g/sq.ft.

Since last printout at time =      80.50
               Change in Total Mass =    -0.10803E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.62997E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.40238E-04g/sq.ft.
                    Diffusion in from water table =    -0.61493E-04g/sq.ft.
               Total inflow at boundaries =    -0.10803E-03g/sq.ft.
               Mass discrepancy =    -0.10332E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24063    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18845E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35467E-01g/sq.ft.
                    Diffusion in from water table =    -0.18632    g/sq.ft.
               Total inflow at boundaries =    -0.24063    g/sq.ft.
               Mass discrepancy =    -0.26450E-06g/sq.ft.


Polygon   3
At time =      81.50, total mass in vadose zone =    0.48757E-02g/sq.ft.
Mass in gas phase     =      0.21177E-03g/sq.ft.
Mass in liquid phase  =      0.29826E-03g/sq.ft.
Mass sorbed           =      0.43657E-02g/sq.ft.
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```
Since last printout at time =      81.00
               Change in Total Mass =    -0.10574E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61658E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.39385E-04g/sq.ft.
                    Diffusion in from water table =    -0.60187E-04g/sq.ft.
               Total inflow at boundaries =    -0.10574E-03g/sq.ft.
               Mass discrepancy =    -0.42974E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24073    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18851E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35506E-01g/sq.ft.
                    Diffusion in from water table =    -0.18638    g/sq.ft.
               Total inflow at boundaries =    -0.24073    g/sq.ft.
               Mass discrepancy =    -0.26543E-06g/sq.ft.


Polygon   3
At time =      82.00, total mass in vadose zone =    0.47722E-02g/sq.ft.
Mass in gas phase     =      0.20727E-03g/sq.ft.
Mass in liquid phase  =      0.29193E-03g/sq.ft.
Mass sorbed           =      0.42730E-02g/sq.ft.

Since last printout at time =      81.50
               Change in Total Mass =    -0.10349E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.60348E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.38550E-04g/sq.ft.
                    Diffusion in from water table =    -0.58908E-04g/sq.ft.
               Total inflow at boundaries =    -0.10349E-03g/sq.ft.
               Mass discrepancy =    -0.42837E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24084    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18857E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35545E-01g/sq.ft.
                    Diffusion in from water table =    -0.18643    g/sq.ft.
               Total inflow at boundaries =    -0.24084    g/sq.ft.
               Mass discrepancy =    -0.26962E-06g/sq.ft.


Polygon   3
At time =      82.50, total mass in vadose zone =    0.46709E-02g/sq.ft.
Mass in gas phase     =      0.20287E-03g/sq.ft.
Mass in liquid phase  =      0.28573E-03g/sq.ft.
Mass sorbed           =      0.41823E-02g/sq.ft.

Since last printout at time =      82.00
               Change in Total Mass =    -0.10129E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59066E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.37732E-04g/sq.ft.
                    Diffusion in from water table =    -0.57656E-04g/sq.ft.
               Total inflow at boundaries =    -0.10130E-03g/sq.ft.
               Mass discrepancy =     0.71532E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24094    g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18863E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35583E-01g/sq.ft.
                    Diffusion in from water table =    -0.18649    g/sq.ft.
               Total inflow at boundaries =    -0.24094    g/sq.ft.
               Mass discrepancy =    -0.26217E-06g/sq.ft.


Polygon   3
At time =      83.00, total mass in vadose zone =    0.45717E-02g/sq.ft.
Mass in gas phase     =      0.19856E-03g/sq.ft.
Mass in liquid phase  =      0.27967E-03g/sq.ft.
Mass sorbed           =      0.40935E-02g/sq.ft.

Since last printout at time =      82.50
               Change in Total Mass =    -0.99145E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.57811E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.36932E-04g/sq.ft.
                    Diffusion in from water table =    -0.56431E-04g/sq.ft.
               Total inflow at boundaries =    -0.99145E-04g/sq.ft.
               Mass discrepancy =    -0.35607E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24104    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18868E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35620E-01g/sq.ft.
                    Diffusion in from water table =    -0.18655    g/sq.ft.
               Total inflow at boundaries =    -0.24104    g/sq.ft.
               Mass discrepancy =    -0.26403E-06g/sq.ft.


Polygon   3
At time =      83.50, total mass in vadose zone =    0.44747E-02g/sq.ft.
Mass in gas phase     =      0.19435E-03g/sq.ft.
Mass in liquid phase  =      0.27373E-03g/sq.ft.
Mass sorbed           =      0.40066E-02g/sq.ft.

Since last printout at time =      83.00
               Change in Total Mass =    -0.97040E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56582E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.36149E-04g/sq.ft.
                    Diffusion in from water table =    -0.55232E-04g/sq.ft.
               Total inflow at boundaries =    -0.97040E-04g/sq.ft.
               Mass discrepancy =     0.30468E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24113    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18874E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35656E-01g/sq.ft.
                    Diffusion in from water table =    -0.18660    g/sq.ft.
               Total inflow at boundaries =    -0.24113    g/sq.ft.
               Mass discrepancy =    -0.27660E-06g/sq.ft.


Polygon   3
At time =      84.00, total mass in vadose zone =    0.43797E-02g/sq.ft.
Mass in gas phase     =      0.19022E-03g/sq.ft.
Mass in liquid phase  =      0.26792E-03g/sq.ft.
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Mass sorbed           =      0.39216E-02g/sq.ft.

Since last printout at time =      83.50
               Change in Total Mass =    -0.94980E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55380E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.35382E-04g/sq.ft.
                    Diffusion in from water table =    -0.54059E-04g/sq.ft.
               Total inflow at boundaries =    -0.94979E-04g/sq.ft.
               Mass discrepancy =    -0.46384E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24123    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18880E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35691E-01g/sq.ft.
                    Diffusion in from water table =    -0.18666    g/sq.ft.
               Total inflow at boundaries =    -0.24123    g/sq.ft.
               Mass discrepancy =    -0.26682E-06g/sq.ft.


Polygon   3
At time =      84.50, total mass in vadose zone =    0.42868E-02g/sq.ft.
Mass in gas phase     =      0.18619E-03g/sq.ft.
Mass in liquid phase  =      0.26223E-03g/sq.ft.
Mass sorbed           =      0.38383E-02g/sq.ft.

Since last printout at time =      84.00
               Change in Total Mass =    -0.92963E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.54204E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.34632E-04g/sq.ft.
                    Diffusion in from water table =    -0.52911E-04g/sq.ft.
               Total inflow at boundaries =    -0.92963E-04g/sq.ft.
               Mass discrepancy =    -0.11732E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24132    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18885E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35726E-01g/sq.ft.
                    Diffusion in from water table =    -0.18671    g/sq.ft.
               Total inflow at boundaries =    -0.24132    g/sq.ft.
               Mass discrepancy =    -0.25053E-06g/sq.ft.


Polygon   3
At time =      85.00, total mass in vadose zone =    0.41958E-02g/sq.ft.
Mass in gas phase     =      0.18223E-03g/sq.ft.
Mass in liquid phase  =      0.25667E-03g/sq.ft.
Mass sorbed           =      0.37569E-02g/sq.ft.

Since last printout at time =      84.50
               Change in Total Mass =    -0.90990E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.53052E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.33898E-04g/sq.ft.
                    Diffusion in from water table =    -0.51787E-04g/sq.ft.
               Total inflow at boundaries =    -0.90990E-04g/sq.ft.
               Mass discrepancy =    -0.66302E-09g/sq.ft.

Since beginning of run at time = 0.0
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               Change in Total Mass =    -0.24141    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18890E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35760E-01g/sq.ft.
                    Diffusion in from water table =    -0.18676    g/sq.ft.
               Total inflow at boundaries =    -0.24141    g/sq.ft.
               Mass discrepancy =    -0.25239E-06g/sq.ft.


Polygon   3
At time =      85.50, total mass in vadose zone =    0.41067E-02g/sq.ft.
Mass in gas phase     =      0.17837E-03g/sq.ft.
Mass in liquid phase  =      0.25122E-03g/sq.ft.
Mass sorbed           =      0.36771E-02g/sq.ft.

Since last printout at time =      85.00
               Change in Total Mass =    -0.89057E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51925E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.33179E-04g/sq.ft.
                    Diffusion in from water table =    -0.50687E-04g/sq.ft.
               Total inflow at boundaries =    -0.89058E-04g/sq.ft.
               Mass discrepancy =     0.65666E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24150    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18896E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35793E-01g/sq.ft.
                    Diffusion in from water table =    -0.18681    g/sq.ft.
               Total inflow at boundaries =    -0.24150    g/sq.ft.
               Mass discrepancy =    -0.24727E-06g/sq.ft.


Polygon   3
At time =      86.00, total mass in vadose zone =    0.40195E-02g/sq.ft.
Mass in gas phase     =      0.17458E-03g/sq.ft.
Mass in liquid phase  =      0.24589E-03g/sq.ft.
Mass sorbed           =      0.35991E-02g/sq.ft.

Since last printout at time =      85.50
               Change in Total Mass =    -0.87168E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50822E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.32475E-04g/sq.ft.
                    Diffusion in from water table =    -0.49610E-04g/sq.ft.
               Total inflow at boundaries =    -0.87167E-04g/sq.ft.
               Mass discrepancy =    -0.76125E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24159    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18901E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35825E-01g/sq.ft.
                    Diffusion in from water table =    -0.18686    g/sq.ft.
               Total inflow at boundaries =    -0.24159    g/sq.ft.
               Mass discrepancy =    -0.25472E-06g/sq.ft.


Polygon   3
At time =      86.50, total mass in vadose zone =    0.39342E-02g/sq.ft.
Mass in gas phase     =      0.17088E-03g/sq.ft.
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Mass in liquid phase  =      0.24067E-03g/sq.ft.
Mass sorbed           =      0.35227E-02g/sq.ft.

Since last printout at time =      86.00
               Change in Total Mass =    -0.85317E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49743E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.31786E-04g/sq.ft.
                    Diffusion in from water table =    -0.48557E-04g/sq.ft.
               Total inflow at boundaries =    -0.85317E-04g/sq.ft.
               Mass discrepancy =    -0.19918E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24167    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18906E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35857E-01g/sq.ft.
                    Diffusion in from water table =    -0.18691    g/sq.ft.
               Total inflow at boundaries =    -0.24167    g/sq.ft.
               Mass discrepancy =    -0.24773E-06g/sq.ft.


Polygon   3
At time =      87.00, total mass in vadose zone =    0.38507E-02g/sq.ft.
Mass in gas phase     =      0.16725E-03g/sq.ft.
Mass in liquid phase  =      0.23556E-03g/sq.ft.
Mass sorbed           =      0.34479E-02g/sq.ft.

Since last printout at time =      86.50
               Change in Total Mass =    -0.83506E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.48686E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.31112E-04g/sq.ft.
                    Diffusion in from water table =    -0.47525E-04g/sq.ft.
               Total inflow at boundaries =    -0.83506E-04g/sq.ft.
               Mass discrepancy =    -0.16325E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24176    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18911E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35888E-01g/sq.ft.
                    Diffusion in from water table =    -0.18696    g/sq.ft.
               Total inflow at boundaries =    -0.24176    g/sq.ft.
               Mass discrepancy =    -0.24005E-06g/sq.ft.


Polygon   3
At time =      87.50, total mass in vadose zone =    0.37690E-02g/sq.ft.
Mass in gas phase     =      0.16370E-03g/sq.ft.
Mass in liquid phase  =      0.23056E-03g/sq.ft.
Mass sorbed           =      0.33747E-02g/sq.ft.

Since last printout at time =      87.00
               Change in Total Mass =    -0.81733E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47652E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.30452E-04g/sq.ft.
                    Diffusion in from water table =    -0.46516E-04g/sq.ft.
               Total inflow at boundaries =    -0.81733E-04g/sq.ft.
               Mass discrepancy =    -0.82309E-10g/sq.ft.
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Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24184    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18915E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35919E-01g/sq.ft.
                    Diffusion in from water table =    -0.18701    g/sq.ft.
               Total inflow at boundaries =    -0.24184    g/sq.ft.
               Mass discrepancy =    -0.24773E-06g/sq.ft.


Polygon   3
At time =      88.00, total mass in vadose zone =    0.36890E-02g/sq.ft.
Mass in gas phase     =      0.16022E-03g/sq.ft.
Mass in liquid phase  =      0.22567E-03g/sq.ft.
Mass sorbed           =      0.33031E-02g/sq.ft.

Since last printout at time =      87.50
               Change in Total Mass =    -0.79998E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46640E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.29806E-04g/sq.ft.
                    Diffusion in from water table =    -0.45528E-04g/sq.ft.
               Total inflow at boundaries =    -0.79998E-04g/sq.ft.
               Mass discrepancy =    -0.29286E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24192    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18920E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35949E-01g/sq.ft.
                    Diffusion in from water table =    -0.18705    g/sq.ft.
               Total inflow at boundaries =    -0.24192    g/sq.ft.
               Mass discrepancy =    -0.23609E-06g/sq.ft.


Polygon   3
At time =      88.50, total mass in vadose zone =    0.36107E-02g/sq.ft.
Mass in gas phase     =      0.15682E-03g/sq.ft.
Mass in liquid phase  =      0.22088E-03g/sq.ft.
Mass sorbed           =      0.32330E-02g/sq.ft.

Since last printout at time =      88.00
               Change in Total Mass =    -0.78300E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45650E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.29174E-04g/sq.ft.
                    Diffusion in from water table =    -0.44561E-04g/sq.ft.
               Total inflow at boundaries =    -0.78300E-04g/sq.ft.
               Mass discrepancy =     0.25057E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24200    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18925E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35978E-01g/sq.ft.
                    Diffusion in from water table =    -0.18710    g/sq.ft.
               Total inflow at boundaries =    -0.24200    g/sq.ft.
               Mass discrepancy =    -0.24121E-06g/sq.ft.


Polygon   3
At time =      89.00, total mass in vadose zone =    0.35341E-02g/sq.ft.
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```
Mass in gas phase     =      0.15349E-03g/sq.ft.
Mass in liquid phase  =      0.21619E-03g/sq.ft.
Mass sorbed           =      0.31644E-02g/sq.ft.

Since last printout at time =      88.50
               Change in Total Mass =    -0.76638E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44680E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.28555E-04g/sq.ft.
                    Diffusion in from water table =    -0.43615E-04g/sq.ft.
               Total inflow at boundaries =    -0.76638E-04g/sq.ft.
               Mass discrepancy =    -0.39745E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24207    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18929E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36006E-01g/sq.ft.
                    Diffusion in from water table =    -0.18714    g/sq.ft.
               Total inflow at boundaries =    -0.24207    g/sq.ft.
               Mass discrepancy =    -0.23888E-06g/sq.ft.


Polygon   3
At time =      89.50, total mass in vadose zone =    0.34590E-02g/sq.ft.
Mass in gas phase     =      0.15024E-03g/sq.ft.
Mass in liquid phase  =      0.21160E-03g/sq.ft.
Mass sorbed           =      0.30972E-02g/sq.ft.

Since last printout at time =      89.00
               Change in Total Mass =    -0.75011E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43731E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.27949E-04g/sq.ft.
                    Diffusion in from water table =    -0.42689E-04g/sq.ft.
               Total inflow at boundaries =    -0.75011E-04g/sq.ft.
               Mass discrepancy =    -0.20145E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24215    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18933E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36034E-01g/sq.ft.
                    Diffusion in from water table =    -0.18718    g/sq.ft.
               Total inflow at boundaries =    -0.24215    g/sq.ft.
               Mass discrepancy =    -0.23004E-06g/sq.ft.


Polygon   3
At time =      90.00, total mass in vadose zone =    0.33856E-02g/sq.ft.
Mass in gas phase     =      0.14705E-03g/sq.ft.
Mass in liquid phase  =      0.20711E-03g/sq.ft.
Mass sorbed           =      0.30315E-02g/sq.ft.

Since last printout at time =      89.50
               Change in Total Mass =    -0.73418E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42803E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.27356E-04g/sq.ft.
                    Diffusion in from water table =    -0.41782E-04g/sq.ft.
               Total inflow at boundaries =    -0.73419E-04g/sq.ft.
               Mass discrepancy =     0.30650E-09g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24222    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18938E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36062E-01g/sq.ft.
                    Diffusion in from water table =    -0.18722    g/sq.ft.
               Total inflow at boundaries =    -0.24222    g/sq.ft.
               Mass discrepancy =    -0.22654E-06g/sq.ft.


Polygon   3
At time =      90.50, total mass in vadose zone =    0.33138E-02g/sq.ft.
Mass in gas phase     =      0.14393E-03g/sq.ft.
Mass in liquid phase  =      0.20271E-03g/sq.ft.
Mass sorbed           =      0.29671E-02g/sq.ft.

Since last printout at time =      90.00
               Change in Total Mass =    -0.71860E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41894E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.26776E-04g/sq.ft.
                    Diffusion in from water table =    -0.40895E-04g/sq.ft.
               Total inflow at boundaries =    -0.71860E-04g/sq.ft.
               Mass discrepancy =    -0.29240E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24230    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18942E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36088E-01g/sq.ft.
                    Diffusion in from water table =    -0.18726    g/sq.ft.
               Total inflow at boundaries =    -0.24229    g/sq.ft.
               Mass discrepancy =    -0.21490E-06g/sq.ft.


Polygon   3
At time =      91.00, total mass in vadose zone =    0.32434E-02g/sq.ft.
Mass in gas phase     =      0.14087E-03g/sq.ft.
Mass in liquid phase  =      0.19841E-03g/sq.ft.
Mass sorbed           =      0.29042E-02g/sq.ft.

Since last printout at time =      90.50
               Change in Total Mass =    -0.70335E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41004E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.26208E-04g/sq.ft.
                    Diffusion in from water table =    -0.40027E-04g/sq.ft.
               Total inflow at boundaries =    -0.70335E-04g/sq.ft.
               Mass discrepancy =    -0.39336E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24237    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18946E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36115E-01g/sq.ft.
                    Diffusion in from water table =    -0.18730    g/sq.ft.
               Total inflow at boundaries =    -0.24237    g/sq.ft.
               Mass discrepancy =    -0.22026E-06g/sq.ft.


Polygon   3
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At time =      91.50, total mass in vadose zone =    0.31746E-02g/sq.ft.
Mass in gas phase     =      0.13788E-03g/sq.ft.
Mass in liquid phase  =      0.19420E-03g/sq.ft.
Mass sorbed           =      0.28425E-02g/sq.ft.

Since last printout at time =      91.00
               Change in Total Mass =    -0.68842E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40133E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.25652E-04g/sq.ft.
                    Diffusion in from water table =    -0.39177E-04g/sq.ft.
               Total inflow at boundaries =    -0.68842E-04g/sq.ft.
               Mass discrepancy =    -0.72760E-11g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24243    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18950E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36140E-01g/sq.ft.
                    Diffusion in from water table =    -0.18734    g/sq.ft.
               Total inflow at boundaries =    -0.24243    g/sq.ft.
               Mass discrepancy =    -0.23912E-06g/sq.ft.


Polygon   3
At time =      92.00, total mass in vadose zone =    0.31072E-02g/sq.ft.
Mass in gas phase     =      0.13496E-03g/sq.ft.
Mass in liquid phase  =      0.19008E-03g/sq.ft.
Mass sorbed           =      0.27822E-02g/sq.ft.

Since last printout at time =      91.50
               Change in Total Mass =    -0.67381E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39281E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.25107E-04g/sq.ft.
                    Diffusion in from water table =    -0.38345E-04g/sq.ft.
               Total inflow at boundaries =    -0.67380E-04g/sq.ft.
               Mass discrepancy =    -0.29149E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24250    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18954E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36165E-01g/sq.ft.
                    Diffusion in from water table =    -0.18738    g/sq.ft.
               Total inflow at boundaries =    -0.24250    g/sq.ft.
               Mass discrepancy =    -0.24610E-06g/sq.ft.


Polygon   3
At time =      92.50, total mass in vadose zone =    0.30413E-02g/sq.ft.
Mass in gas phase     =      0.13209E-03g/sq.ft.
Mass in liquid phase  =      0.18604E-03g/sq.ft.
Mass sorbed           =      0.27231E-02g/sq.ft.

Since last printout at time =      92.00
               Change in Total Mass =    -0.65950E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38447E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.24575E-04g/sq.ft.
                    Diffusion in from water table =    -0.37531E-04g/sq.ft.
               Total inflow at boundaries =    -0.65950E-04g/sq.ft.
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               Mass discrepancy =     0.19963E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24257    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18958E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36190E-01g/sq.ft.
                    Diffusion in from water table =    -0.18742    g/sq.ft.
               Total inflow at boundaries =    -0.24257    g/sq.ft.
               Mass discrepancy =    -0.23982E-06g/sq.ft.


Polygon   3
At time =      93.00, total mass in vadose zone =    0.29767E-02g/sq.ft.
Mass in gas phase     =      0.12929E-03g/sq.ft.
Mass in liquid phase  =      0.18209E-03g/sq.ft.
Mass sorbed           =      0.26653E-02g/sq.ft.

Since last printout at time =      92.50
               Change in Total Mass =    -0.64551E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37631E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.24053E-04g/sq.ft.
                    Diffusion in from water table =    -0.36734E-04g/sq.ft.
               Total inflow at boundaries =    -0.64550E-04g/sq.ft.
               Mass discrepancy =    -0.61891E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24263    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18961E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36214E-01g/sq.ft.
                    Diffusion in from water table =    -0.18746    g/sq.ft.
               Total inflow at boundaries =    -0.24263    g/sq.ft.
               Mass discrepancy =    -0.24075E-06g/sq.ft.


Polygon   3
At time =      93.50, total mass in vadose zone =    0.29135E-02g/sq.ft.
Mass in gas phase     =      0.12654E-03g/sq.ft.
Mass in liquid phase  =      0.17823E-03g/sq.ft.
Mass sorbed           =      0.26088E-02g/sq.ft.

Since last printout at time =      93.00
               Change in Total Mass =    -0.63180E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36832E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.23543E-04g/sq.ft.
                    Diffusion in from water table =    -0.35954E-04g/sq.ft.
               Total inflow at boundaries =    -0.63180E-04g/sq.ft.
               Mass discrepancy =    -0.11278E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24270    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18965E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36238E-01g/sq.ft.
                    Diffusion in from water table =    -0.18749    g/sq.ft.
               Total inflow at boundaries =    -0.24270    g/sq.ft.
               Mass discrepancy =    -0.22142E-06g/sq.ft.
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Polygon   3
At time =      94.00, total mass in vadose zone =    0.28517E-02g/sq.ft.
Mass in gas phase     =      0.12386E-03g/sq.ft.
Mass in liquid phase  =      0.17445E-03g/sq.ft.
Mass sorbed           =      0.25534E-02g/sq.ft.

Since last printout at time =      93.50
               Change in Total Mass =    -0.61839E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36050E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.23043E-04g/sq.ft.
                    Diffusion in from water table =    -0.35191E-04g/sq.ft.
               Total inflow at boundaries =    -0.61839E-04g/sq.ft.
               Mass discrepancy =     0.37812E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24276    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18969E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36261E-01g/sq.ft.
                    Diffusion in from water table =    -0.18753    g/sq.ft.
               Total inflow at boundaries =    -0.24276    g/sq.ft.
               Mass discrepancy =    -0.23888E-06g/sq.ft.


Polygon   3
At time =      94.50, total mass in vadose zone =    0.27912E-02g/sq.ft.
Mass in gas phase     =      0.12123E-03g/sq.ft.
Mass in liquid phase  =      0.17074E-03g/sq.ft.
Mass sorbed           =      0.24992E-02g/sq.ft.

Since last printout at time =      94.00
               Change in Total Mass =    -0.60527E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35284E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.22554E-04g/sq.ft.
                    Diffusion in from water table =    -0.34444E-04g/sq.ft.
               Total inflow at boundaries =    -0.60526E-04g/sq.ft.
               Mass discrepancy =    -0.45679E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24282    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18972E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36283E-01g/sq.ft.
                    Diffusion in from water table =    -0.18756    g/sq.ft.
               Total inflow at boundaries =    -0.24282    g/sq.ft.
               Mass discrepancy =    -0.26333E-06g/sq.ft.


Polygon   3
At time =      95.00, total mass in vadose zone =    0.27319E-02g/sq.ft.
Mass in gas phase     =      0.11866E-03g/sq.ft.
Mass in liquid phase  =      0.16712E-03g/sq.ft.
Mass sorbed           =      0.24461E-02g/sq.ft.

Since last printout at time =      94.50
               Change in Total Mass =    -0.59242E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34535E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.22076E-04g/sq.ft.
                    Diffusion in from water table =    -0.33712E-04g/sq.ft.
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               Total inflow at boundaries =    -0.59242E-04g/sq.ft.
               Mass discrepancy =     0.27285E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24288    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18976E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36305E-01g/sq.ft.
                    Diffusion in from water table =    -0.18760    g/sq.ft.
               Total inflow at boundaries =    -0.24288    g/sq.ft.
               Mass discrepancy =    -0.27288E-06g/sq.ft.


Polygon   3
At time =      95.50, total mass in vadose zone =    0.26739E-02g/sq.ft.
Mass in gas phase     =      0.11614E-03g/sq.ft.
Mass in liquid phase  =      0.16357E-03g/sq.ft.
Mass sorbed           =      0.23942E-02g/sq.ft.

Since last printout at time =      95.00
               Change in Total Mass =    -0.57984E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33802E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.21607E-04g/sq.ft.
                    Diffusion in from water table =    -0.32997E-04g/sq.ft.
               Total inflow at boundaries =    -0.57984E-04g/sq.ft.
               Mass discrepancy =    -0.15211E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24293    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18979E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36327E-01g/sq.ft.
                    Diffusion in from water table =    -0.18763    g/sq.ft.
               Total inflow at boundaries =    -0.24293    g/sq.ft.
               Mass discrepancy =    -0.26566E-06g/sq.ft.


Polygon   3
At time =      96.00, total mass in vadose zone =    0.26172E-02g/sq.ft.
Mass in gas phase     =      0.11367E-03g/sq.ft.
Mass in liquid phase  =      0.16010E-03g/sq.ft.
Mass sorbed           =      0.23434E-02g/sq.ft.

Since last printout at time =      95.50
               Change in Total Mass =    -0.56754E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33084E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.21149E-04g/sq.ft.
                    Diffusion in from water table =    -0.32296E-04g/sq.ft.
               Total inflow at boundaries =    -0.56753E-04g/sq.ft.
               Mass discrepancy =    -0.18235E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24299    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18982E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36348E-01g/sq.ft.
                    Diffusion in from water table =    -0.18766    g/sq.ft.
               Total inflow at boundaries =    -0.24299    g/sq.ft.
               Mass discrepancy =    -0.27195E-06g/sq.ft.
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Polygon   3
At time =      96.50, total mass in vadose zone =    0.25616E-02g/sq.ft.
Mass in gas phase     =      0.11126E-03g/sq.ft.
Mass in liquid phase  =      0.15670E-03g/sq.ft.
Mass sorbed           =      0.22937E-02g/sq.ft.

Since last printout at time =      96.00
               Change in Total Mass =    -0.55549E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32382E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.20700E-04g/sq.ft.
                    Diffusion in from water table =    -0.31611E-04g/sq.ft.
               Total inflow at boundaries =    -0.55549E-04g/sq.ft.
               Mass discrepancy =    -0.15552E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24305    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18986E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36369E-01g/sq.ft.
                    Diffusion in from water table =    -0.18769    g/sq.ft.
               Total inflow at boundaries =    -0.24305    g/sq.ft.
               Mass discrepancy =    -0.27870E-06g/sq.ft.


Polygon   3
At time =      97.00, total mass in vadose zone =    0.25073E-02g/sq.ft.
Mass in gas phase     =      0.10890E-03g/sq.ft.
Mass in liquid phase  =      0.15338E-03g/sq.ft.
Mass sorbed           =      0.22450E-02g/sq.ft.

Since last printout at time =      96.50
               Change in Total Mass =    -0.54369E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31695E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.20261E-04g/sq.ft.
                    Diffusion in from water table =    -0.30939E-04g/sq.ft.
               Total inflow at boundaries =    -0.54370E-04g/sq.ft.
               Mass discrepancy =     0.30354E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24310    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18989E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36389E-01g/sq.ft.
                    Diffusion in from water table =    -0.18772    g/sq.ft.
               Total inflow at boundaries =    -0.24310    g/sq.ft.
               Mass discrepancy =    -0.26636E-06g/sq.ft.


Polygon   3
At time =      97.50, total mass in vadose zone =    0.24540E-02g/sq.ft.
Mass in gas phase     =      0.10659E-03g/sq.ft.
Mass in liquid phase  =      0.15012E-03g/sq.ft.
Mass sorbed           =      0.21973E-02g/sq.ft.

Since last printout at time =      97.00
               Change in Total Mass =    -0.53216E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31022E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.19831E-04g/sq.ft.
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                    Diffusion in from water table =    -0.30283E-04g/sq.ft.
               Total inflow at boundaries =    -0.53216E-04g/sq.ft.
               Mass discrepancy =    -0.28535E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24315    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18992E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36409E-01g/sq.ft.
                    Diffusion in from water table =    -0.18775    g/sq.ft.
               Total inflow at boundaries =    -0.24315    g/sq.ft.
               Mass discrepancy =    -0.27590E-06g/sq.ft.


Polygon   3
At time =      98.00, total mass in vadose zone =    0.24020E-02g/sq.ft.
Mass in gas phase     =      0.10432E-03g/sq.ft.
Mass in liquid phase  =      0.14694E-03g/sq.ft.
Mass sorbed           =      0.21507E-02g/sq.ft.

Since last printout at time =      97.50
               Change in Total Mass =    -0.52086E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30363E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.19410E-04g/sq.ft.
                    Diffusion in from water table =    -0.29640E-04g/sq.ft.
               Total inflow at boundaries =    -0.52086E-04g/sq.ft.
               Mass discrepancy =     0.10323E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24321    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18995E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36428E-01g/sq.ft.
                    Diffusion in from water table =    -0.18778    g/sq.ft.
               Total inflow at boundaries =    -0.24321    g/sq.ft.
               Mass discrepancy =    -0.27870E-06g/sq.ft.


Polygon   3
At time =      98.50, total mass in vadose zone =    0.23510E-02g/sq.ft.
Mass in gas phase     =      0.10211E-03g/sq.ft.
Mass in liquid phase  =      0.14382E-03g/sq.ft.
Mass sorbed           =      0.21051E-02g/sq.ft.

Since last printout at time =      98.00
               Change in Total Mass =    -0.50981E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29719E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.18998E-04g/sq.ft.
                    Diffusion in from water table =    -0.29011E-04g/sq.ft.
               Total inflow at boundaries =    -0.50981E-04g/sq.ft.
               Mass discrepancy =    -0.66825E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24326    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18998E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36447E-01g/sq.ft.
                    Diffusion in from water table =    -0.18781    g/sq.ft.
               Total inflow at boundaries =    -0.24326    g/sq.ft.
               Mass discrepancy =    -0.27753E-06g/sq.ft.
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Polygon   3
At time =      99.00, total mass in vadose zone =    0.23011E-02g/sq.ft.
Mass in gas phase     =      0.99943E-04g/sq.ft.
Mass in liquid phase  =      0.14076E-03g/sq.ft.
Mass sorbed           =      0.20604E-02g/sq.ft.

Since last printout at time =      98.50
               Change in Total Mass =    -0.49898E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29088E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.18595E-04g/sq.ft.
                    Diffusion in from water table =    -0.28395E-04g/sq.ft.
               Total inflow at boundaries =    -0.49899E-04g/sq.ft.
               Mass discrepancy =     0.36971E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24331    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19001E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36466E-01g/sq.ft.
                    Diffusion in from water table =    -0.18784    g/sq.ft.
               Total inflow at boundaries =    -0.24331    g/sq.ft.
               Mass discrepancy =    -0.26799E-06g/sq.ft.


Polygon   3
At time =      99.50, total mass in vadose zone =    0.22522E-02g/sq.ft.
Mass in gas phase     =      0.97822E-04g/sq.ft.
Mass in liquid phase  =      0.13778E-03g/sq.ft.
Mass sorbed           =      0.20166E-02g/sq.ft.

Since last printout at time =      99.00
               Change in Total Mass =    -0.48840E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28470E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.18200E-04g/sq.ft.
                    Diffusion in from water table =    -0.27792E-04g/sq.ft.
               Total inflow at boundaries =    -0.48839E-04g/sq.ft.
               Mass discrepancy =    -0.29399E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24336    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19004E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36484E-01g/sq.ft.
                    Diffusion in from water table =    -0.18787    g/sq.ft.
               Total inflow at boundaries =    -0.24336    g/sq.ft.
               Mass discrepancy =    -0.25798E-06g/sq.ft.


Polygon   3
At time =     100.00, total mass in vadose zone =    0.22044E-02g/sq.ft.
Mass in gas phase     =      0.95745E-04g/sq.ft.
Mass in liquid phase  =      0.13485E-03g/sq.ft.
Mass sorbed           =      0.19738E-02g/sq.ft.

Since last printout at time =      99.50
               Change in Total Mass =    -0.47803E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27866E-05g/sq.ft.
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                    Diffusion in from atmosphere =     -0.17814E-04g/sq.ft.
                    Diffusion in from water table =    -0.27202E-04g/sq.ft.
               Total inflow at boundaries =    -0.47803E-04g/sq.ft.
               Mass discrepancy =     0.95042E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24340    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19007E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36502E-01g/sq.ft.
                    Diffusion in from water table =    -0.18790    g/sq.ft.
               Total inflow at boundaries =    -0.24340    g/sq.ft.
               Mass discrepancy =    -0.24098E-06g/sq.ft.
```

GROUNDWATER IMPACT OF POLYGON 3

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
0.50	0.17668E-01	25.330
1.00	0.18312E-01	26.252
1.50	0.18235E-01	26.143
2.00	0.17709E-01	25.388
2.50	0.16918E-01	24.253
3.00	0.15985E-01	22.917
3.50	0.14995E-01	21.497
4.00	0.13999E-01	20.070
4.50	0.13032E-01	18.683
5.00	0.12113E-01	17.365
5.50	0.11252E-01	16.131
6.00	0.10454E-01	14.988
6.50	0.97202E-02	13.935
7.00	0.90477E-02	12.971
7.50	0.84335E-02	12.090
8.00	0.78736E-02	11.288
8.50	0.73636E-02	10.557
9.00	0.68991E-02	9.8906
9.50	0.64757E-02	9.2837
10.00	0.60896E-02	8.7302
10.50	0.57370E-02	8.2247
11.00	0.54145E-02	7.7624
11.50	0.51191E-02	7.3388
12.00	0.48479E-02	6.9501
12.50	0.45986E-02	6.5927
13.00	0.43689E-02	6.2634
13.50	0.41569E-02	5.9594
14.00	0.39608E-02	5.6783
14.50	0.37791E-02	5.4178
15.00	0.36103E-02	5.1759
15.50	0.34534E-02	4.9508
16.00	0.33070E-02	4.7410
16.50	0.31704E-02	4.5452
17.00	0.30426E-02	4.3620
17.50	0.29229E-02	4.1903
18.00	0.28105E-02	4.0292
18.50	0.27048E-02	3.8777
19.00	0.26054E-02	3.7351
19.50	0.25116E-02	3.6006
20.00	0.24230E-02	3.4736
20.50	0.23392E-02	3.3535
21.00	0.22599E-02	3.2398
21.50	0.21846E-02	3.1319
22.00	0.21132E-02	3.0296

22.50	0.20453E-02	2.9322
23.00	0.19807E-02	2.8396
23.50	0.19192E-02	2.7514
24.00	0.18605E-02	2.6672
24.50	0.18044E-02	2.5869
25.00	0.17509E-02	2.5101
25.50	0.16996E-02	2.4366
26.00	0.16505E-02	2.3663
26.50	0.16035E-02	2.2988
27.00	0.15584E-02	2.2341
27.50	0.15151E-02	2.1720
28.00	0.14735E-02	2.1124
28.50	0.14334E-02	2.0550
29.00	0.13949E-02	1.9998
29.50	0.13578E-02	1.9466
30.00	0.13221E-02	1.8953
30.50	0.12876E-02	1.8459
31.00	0.12543E-02	1.7982
31.50	0.12222E-02	1.7522
32.00	0.11912E-02	1.7077
32.50	0.11612E-02	1.6647
33.00	0.11322E-02	1.6231
33.50	0.11041E-02	1.5829
34.00	0.10769E-02	1.5439
34.50	0.10506E-02	1.5061
35.00	0.10251E-02	1.4695
35.50	0.10003E-02	1.4341
36.00	0.97631E-03	1.3997
36.50	0.95301E-03	1.3663
37.00	0.93040E-03	1.3338
37.50	0.90844E-03	1.3024
38.00	0.88711E-03	1.2718
38.50	0.86638E-03	1.2421
39.00	0.84622E-03	1.2132
39.50	0.82662E-03	1.1851
40.00	0.80756E-03	1.1577
40.50	0.78901E-03	1.1311
41.00	0.77095E-03	1.1053
41.50	0.75337E-03	1.0800
42.00	0.73625E-03	1.0555
42.50	0.71958E-03	1.0316
43.00	0.70333E-03	1.0083
43.50	0.68750E-03	0.98562
44.00	0.67207E-03	0.96350
44.50	0.65703E-03	0.94193
45.00	0.64236E-03	0.92090
45.50	0.62806E-03	0.90040
46.00	0.61411E-03	0.88039
46.50	0.60049E-03	0.86088
47.00	0.58721E-03	0.84184
47.50	0.57425E-03	0.82325
48.00	0.56160E-03	0.80512
48.50	0.54925E-03	0.78741
49.00	0.53719E-03	0.77013
49.50	0.52542E-03	0.75325
50.00	0.51392E-03	0.73677
50.50	0.50269E-03	0.72067
51.00	0.49173E-03	0.70495
51.50	0.48101E-03	0.68959
52.00	0.47055E-03	0.67459
52.50	0.46032E-03	0.65993
53.00	0.45033E-03	0.64560

53.50	0.44057E-03	0.63161
54.00	0.43103E-03	0.61793
54.50	0.42170E-03	0.60456
55.00	0.41259E-03	0.59149
55.50	0.40368E-03	0.57872
56.00	0.39497E-03	0.56623
56.50	0.38645E-03	0.55402
57.00	0.37813E-03	0.54209
57.50	0.36999E-03	0.53042
58.00	0.36203E-03	0.51901
58.50	0.35425E-03	0.50785
59.00	0.34664E-03	0.49694
59.50	0.33919E-03	0.48628
60.00	0.33192E-03	0.47584
60.50	0.32480E-03	0.46564
61.00	0.31784E-03	0.45566
61.50	0.31103E-03	0.44590
62.00	0.30437E-03	0.43635
62.50	0.29785E-03	0.42701
63.00	0.29148E-03	0.41787
63.50	0.28525E-03	0.40894
64.00	0.27915E-03	0.40019
64.50	0.27318E-03	0.39164
65.00	0.26735E-03	0.38328
65.50	0.26164E-03	0.37509
66.00	0.25605E-03	0.36708
66.50	0.25059E-03	0.35925
67.00	0.24524E-03	0.35158
67.50	0.24001E-03	0.34408
68.00	0.23489E-03	0.33675
68.50	0.22988E-03	0.32957
69.00	0.22498E-03	0.32254
69.50	0.22019E-03	0.31567
70.00	0.21550E-03	0.30894
70.50	0.21091E-03	0.30236
71.00	0.20642E-03	0.29592
71.50	0.20202E-03	0.28962
72.00	0.19772E-03	0.28345
72.50	0.19351E-03	0.27742
73.00	0.18939E-03	0.27151
73.50	0.18536E-03	0.26574
74.00	0.18142E-03	0.26008
74.50	0.17756E-03	0.25455
75.00	0.17378E-03	0.24913
75.50	0.17008E-03	0.24383
76.00	0.16647E-03	0.23865
76.50	0.16293E-03	0.23357
77.00	0.15946E-03	0.22861
77.50	0.15607E-03	0.22375
78.00	0.15275E-03	0.21899
78.50	0.14951E-03	0.21433
79.00	0.14633E-03	0.20978
79.50	0.14322E-03	0.20532
80.00	0.14017E-03	0.20096
80.50	0.13719E-03	0.19669
81.00	0.13428E-03	0.19251
81.50	0.13143E-03	0.18841
82.00	0.12863E-03	0.18441
82.50	0.12590E-03	0.18049
83.00	0.12323E-03	0.17666
83.50	0.12061E-03	0.17291
84.00	0.11805E-03	0.16923

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     84.50         0.11554E-03               0.16564
     85.00         0.11308E-03               0.16212
     85.50         0.11068E-03               0.15868
     86.00         0.10833E-03               0.15531
     86.50         0.10603E-03               0.15201
     87.00         0.10378E-03               0.14878
     87.50         0.10157E-03               0.14562
     88.00         0.99417E-04               0.14253
     88.50         0.97306E-04               0.13950
     89.00         0.95240E-04               0.13654
     89.50         0.93217E-04               0.13364
     90.00         0.91238E-04               0.13080
     90.50         0.89300E-04               0.12802
     91.00         0.87404E-04               0.12530
     91.50         0.85548E-04               0.12264
     92.00         0.83732E-04               0.12004
     92.50         0.81954E-04               0.11749
     93.00         0.80214E-04               0.11500
     93.50         0.78511E-04               0.11256
     94.00         0.76844E-04               0.11017
     94.50         0.75213E-04               0.10783
     95.00         0.73616E-04               0.10554
     95.50         0.72053E-04               0.10330
     96.00         0.70524E-04               0.10110
     96.50         0.69026E-04               0.98958E-01
     97.00         0.67561E-04               0.96857E-01
     97.50         0.66127E-04               0.94801E-01
     98.00         0.64723E-04               0.92788E-01
     98.50         0.63349E-04               0.90818E-01
     99.00         0.62004E-04               0.88890E-01
     99.50         0.60688E-04               0.87003E-01
    100.00         0.59400E-04               0.85157E-01
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Polygon   4
At time =       0.00, total mass in vadose zone =     1.8686    g/sq.ft.
Mass in gas phase     =      0.81159E-01g/sq.ft.
Mass in liquid phase  =      0.11431    g/sq.ft.
Mass sorbed           =       1.6731    g/sq.ft.


Polygon   4
At time =       0.50, total mass in vadose zone =     1.7961    g/sq.ft.
Mass in gas phase     =      0.78010E-01g/sq.ft.
Mass in liquid phase  =      0.10987    g/sq.ft.
Mass sorbed           =       1.6082    g/sq.ft.

Since last printout at time =       0.00
               Change in Total Mass =    -0.72507E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21604E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.26713E-03g/sq.ft.
                    Diffusion in from water table =    -0.70079E-01g/sq.ft.
               Total inflow at boundaries =    -0.72507E-01g/sq.ft.
               Mass discrepancy =    -0.14924E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.72507E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21604E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.26713E-03g/sq.ft.
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                    Diffusion in from water table =    -0.70079E-01g/sq.ft.
               Total inflow at boundaries =    -0.72507E-01g/sq.ft.
               Mass discrepancy =    -0.14924E-06g/sq.ft.


Polygon   4
At time =       1.00, total mass in vadose zone =     1.7187    g/sq.ft.
Mass in gas phase     =      0.74649E-01g/sq.ft.
Mass in liquid phase  =      0.10514    g/sq.ft.
Mass sorbed           =       1.5389    g/sq.ft.

Since last printout at time =       0.50
               Change in Total Mass =    -0.77365E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43964E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.27485E-03g/sq.ft.
                    Diffusion in from water table =    -0.72694E-01g/sq.ft.
               Total inflow at boundaries =    -0.77365E-01g/sq.ft.
               Mass discrepancy =     0.98953E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14987    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65568E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.54198E-03g/sq.ft.
                    Diffusion in from water table =    -0.14277    g/sq.ft.
               Total inflow at boundaries =    -0.14987    g/sq.ft.
               Mass discrepancy =    -0.15530E-06g/sq.ft.


Polygon   4
At time =       1.50, total mass in vadose zone =     1.6404    g/sq.ft.
Mass in gas phase     =      0.71247E-01g/sq.ft.
Mass in liquid phase  =      0.10035    g/sq.ft.
Mass sorbed           =       1.4688    g/sq.ft.

Since last printout at time =       1.00
               Change in Total Mass =    -0.78328E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56978E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.29972E-03g/sq.ft.
                    Diffusion in from water table =    -0.72330E-01g/sq.ft.
               Total inflow at boundaries =    -0.78328E-01g/sq.ft.
               Mass discrepancy =    -0.13178E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22820    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12255E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.84169E-03g/sq.ft.
                    Diffusion in from water table =    -0.21510    g/sq.ft.
               Total inflow at boundaries =    -0.22820    g/sq.ft.
               Mass discrepancy =    -0.30198E-06g/sq.ft.


Polygon   4
At time =       2.00, total mass in vadose zone =     1.5636    g/sq.ft.
Mass in gas phase     =      0.67911E-01g/sq.ft.
Mass in liquid phase  =      0.95649E-01g/sq.ft.
Mass sorbed           =       1.4000    g/sq.ft.

Since last printout at time =       1.50
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               Change in Total Mass =    -0.76816E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.63674E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.34026E-03g/sq.ft.
                    Diffusion in from water table =    -0.70108E-01g/sq.ft.
               Total inflow at boundaries =    -0.76816E-01g/sq.ft.
               Mass discrepancy =    -0.22992E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.30502    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18622E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11820E-02g/sq.ft.
                    Diffusion in from water table =    -0.28521    g/sq.ft.
               Total inflow at boundaries =    -0.30502    g/sq.ft.
               Mass discrepancy =    -0.34377E-06g/sq.ft.


Polygon   4
At time =       2.50, total mass in vadose zone =     1.4898    g/sq.ft.
Mass in gas phase     =      0.64706E-01g/sq.ft.
Mass in liquid phase  =      0.91135E-01g/sq.ft.
Mass sorbed           =       1.3339    g/sq.ft.

Since last printout at time =       2.00
               Change in Total Mass =    -0.73804E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.66171E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.39492E-03g/sq.ft.
                    Diffusion in from water table =    -0.66792E-01g/sq.ft.
               Total inflow at boundaries =    -0.73804E-01g/sq.ft.
               Mass discrepancy =    -0.43714E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.37882    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25239E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.15769E-02g/sq.ft.
                    Diffusion in from water table =    -0.35200    g/sq.ft.
               Total inflow at boundaries =    -0.37882    g/sq.ft.
               Mass discrepancy =    -0.39593E-06g/sq.ft.


Polygon   4
At time =       3.00, total mass in vadose zone =     1.4198    g/sq.ft.
Mass in gas phase     =      0.61667E-01g/sq.ft.
Mass in liquid phase  =      0.86855E-01g/sq.ft.
Mass sorbed           =       1.2713    g/sq.ft.

Since last printout at time =       2.50
               Change in Total Mass =    -0.69955E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65944E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.46207E-03g/sq.ft.
                    Diffusion in from water table =    -0.62898E-01g/sq.ft.
               Total inflow at boundaries =    -0.69955E-01g/sq.ft.
               Mass discrepancy =     0.15358E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.44877    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31834E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.20389E-02g/sq.ft.
                    Diffusion in from water table =    -0.41490    g/sq.ft.
               Total inflow at boundaries =    -0.44877    g/sq.ft.
               Mass discrepancy =    -0.20768E-06g/sq.ft.


Polygon   4
At time =       3.50, total mass in vadose zone =     1.3541    g/sq.ft.
Mass in gas phase     =      0.58813E-01g/sq.ft.
Mass in liquid phase  =      0.82836E-01g/sq.ft.
Mass sorbed           =       1.2125    g/sq.ft.

Since last printout at time =       3.00
               Change in Total Mass =    -0.65710E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64011E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.54002E-03g/sq.ft.
                    Diffusion in from water table =    -0.58769E-01g/sq.ft.
               Total inflow at boundaries =    -0.65710E-01g/sq.ft.
               Mass discrepancy =    -0.15250E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.51449    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38235E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25790E-02g/sq.ft.
                    Diffusion in from water table =    -0.47367    g/sq.ft.
               Total inflow at boundaries =    -0.51448    g/sq.ft.
               Mass discrepancy =    -0.37346E-06g/sq.ft.


Polygon   4
At time =       4.00, total mass in vadose zone =     1.2928    g/sq.ft.
Mass in gas phase     =      0.56148E-01g/sq.ft.
Mass in liquid phase  =      0.79082E-01g/sq.ft.
Mass sorbed           =       1.1575    g/sq.ft.

Since last printout at time =       3.50
               Change in Total Mass =    -0.61360E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61068E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.62710E-03g/sq.ft.
                    Diffusion in from water table =    -0.54626E-01g/sq.ft.
               Total inflow at boundaries =    -0.61360E-01g/sq.ft.
               Mass discrepancy =     0.46857E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.57585    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44341E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32061E-02g/sq.ft.
                    Diffusion in from water table =    -0.52830    g/sq.ft.
               Total inflow at boundaries =    -0.57585    g/sq.ft.
               Mass discrepancy =    -0.24866E-06g/sq.ft.


Polygon   4
At time =       4.50, total mass in vadose zone =     1.2357    g/sq.ft.
Mass in gas phase     =      0.53669E-01g/sq.ft.
Mass in liquid phase  =      0.75590E-01g/sq.ft.
Mass sorbed           =       1.1064    g/sq.ft.
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Since last printout at time =       4.00
               Change in Total Mass =    -0.57089E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.57587E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.72165E-03g/sq.ft.
                    Diffusion in from water table =    -0.50609E-01g/sq.ft.
               Total inflow at boundaries =    -0.57089E-01g/sq.ft.
               Mass discrepancy =     0.77998E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.63293    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50100E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39277E-02g/sq.ft.
                    Diffusion in from water table =    -0.57891    g/sq.ft.
               Total inflow at boundaries =    -0.63293    g/sq.ft.
               Mass discrepancy =    -0.16950E-06g/sq.ft.


Polygon   4
At time =       5.00, total mass in vadose zone =     1.1827    g/sq.ft.
Mass in gas phase     =      0.51366E-01g/sq.ft.
Mass in liquid phase  =      0.72347E-01g/sq.ft.
Mass sorbed           =       1.0589    g/sq.ft.

Since last printout at time =       4.50
               Change in Total Mass =    -0.53008E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.53880E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.82205E-03g/sq.ft.
                    Diffusion in from water table =    -0.46798E-01g/sq.ft.
               Total inflow at boundaries =    -0.53008E-01g/sq.ft.
               Mass discrepancy =    -0.87952E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.68594    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55488E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.47498E-02g/sq.ft.
                    Diffusion in from water table =    -0.62570    g/sq.ft.
               Total inflow at boundaries =    -0.68594    g/sq.ft.
               Mass discrepancy =    -0.18254E-06g/sq.ft.


Polygon   4
At time =       5.50, total mass in vadose zone =     1.1335    g/sq.ft.
Mass in gas phase     =      0.49230E-01g/sq.ft.
Mass in liquid phase  =      0.69339E-01g/sq.ft.
Mass sorbed           =       1.0149    g/sq.ft.

Since last printout at time =       5.00
               Change in Total Mass =    -0.49179E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50151E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.92677E-03g/sq.ft.
                    Diffusion in from water table =    -0.43237E-01g/sq.ft.
               Total inflow at boundaries =    -0.49179E-01g/sq.ft.
               Mass discrepancy =    -0.41735E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.73512    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.60503E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.56765E-02g/sq.ft.
                    Diffusion in from water table =    -0.66894    g/sq.ft.
               Total inflow at boundaries =    -0.73512    g/sq.ft.
               Mass discrepancy =    -0.23097E-06g/sq.ft.


Polygon   4
At time =       6.00, total mass in vadose zone =     1.0878    g/sq.ft.
Mass in gas phase     =      0.47248E-01g/sq.ft.
Mass in liquid phase  =      0.66547E-01g/sq.ft.
Mass sorbed           =      0.97405    g/sq.ft.

Since last printout at time =       5.50
               Change in Total Mass =    -0.45632E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46527E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.10344E-02g/sq.ft.
                    Diffusion in from water table =    -0.39945E-01g/sq.ft.
               Total inflow at boundaries =    -0.45632E-01g/sq.ft.
               Mass discrepancy =     0.11525E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.78075    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65156E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67109E-02g/sq.ft.
                    Diffusion in from water table =    -0.70889    g/sq.ft.
               Total inflow at boundaries =    -0.78075    g/sq.ft.
               Mass discrepancy =    -0.17881E-06g/sq.ft.


Polygon   4
At time =       6.50, total mass in vadose zone =     1.0455    g/sq.ft.
Mass in gas phase     =      0.45408E-01g/sq.ft.
Mass in liquid phase  =      0.63955E-01g/sq.ft.
Mass sorbed           =      0.93611    g/sq.ft.

Since last printout at time =       6.00
               Change in Total Mass =    -0.42375E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43083E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.11436E-02g/sq.ft.
                    Diffusion in from water table =    -0.36923E-01g/sq.ft.
               Total inflow at boundaries =    -0.42375E-01g/sq.ft.
               Mass discrepancy =     0.12573E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.82313    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.69464E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.78545E-02g/sq.ft.
                    Diffusion in from water table =    -0.74581    g/sq.ft.
               Total inflow at boundaries =    -0.82313    g/sq.ft.
               Mass discrepancy =    -0.11269E-06g/sq.ft.


Polygon   4
At time =       7.00, total mass in vadose zone =     1.0061    g/sq.ft.
Mass in gas phase     =      0.43697E-01g/sq.ft.
Mass in liquid phase  =      0.61545E-01g/sq.ft.
Mass sorbed           =      0.90083    g/sq.ft.
```

```
Since last printout at time =       6.50
               Change in Total Mass =    -0.39402E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39860E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.12531E-02g/sq.ft.
                    Diffusion in from water table =    -0.34163E-01g/sq.ft.
               Total inflow at boundaries =    -0.39402E-01g/sq.ft.
               Mass discrepancy =    -0.20117E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.86253    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.73450E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.91076E-02g/sq.ft.
                    Diffusion in from water table =    -0.77997    g/sq.ft.
               Total inflow at boundaries =    -0.86253    g/sq.ft.
               Mass discrepancy =    -0.37346E-06g/sq.ft.


Polygon   4
At time =       7.50, total mass in vadose zone =    0.96937    g/sq.ft.
Mass in gas phase     =      0.42103E-01g/sq.ft.
Mass in liquid phase  =      0.59299E-01g/sq.ft.
Mass sorbed           =      0.86797    g/sq.ft.

Since last printout at time =       7.00
               Change in Total Mass =    -0.36700E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36876E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.13619E-02g/sq.ft.
                    Diffusion in from water table =    -0.31650E-01g/sq.ft.
               Total inflow at boundaries =    -0.36700E-01g/sq.ft.
               Mass discrepancy =     0.52503E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.89923    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77138E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10469E-01g/sq.ft.
                    Diffusion in from water table =    -0.81162    g/sq.ft.
               Total inflow at boundaries =    -0.89923    g/sq.ft.
               Mass discrepancy =    -0.31851E-06g/sq.ft.


Polygon   4
At time =       8.00, total mass in vadose zone =    0.93512    g/sq.ft.
Mass in gas phase     =      0.40615E-01g/sq.ft.
Mass in liquid phase  =      0.57204E-01g/sq.ft.
Mass sorbed           =      0.83730    g/sq.ft.

Since last printout at time =       7.50
               Change in Total Mass =    -0.34250E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34134E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.14689E-02g/sq.ft.
                    Diffusion in from water table =    -0.29368E-01g/sq.ft.
               Total inflow at boundaries =    -0.34250E-01g/sq.ft.
               Mass discrepancy =    -0.49942E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.93348    g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.80551E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11938E-01g/sq.ft.
                    Diffusion in from water table =    -0.84099    g/sq.ft.
               Total inflow at boundaries =    -0.93348    g/sq.ft.
               Mass discrepancy =    -0.37067E-06g/sq.ft.


Polygon   4
At time =       8.50, total mass in vadose zone =    0.90309    g/sq.ft.
Mass in gas phase     =      0.39224E-01g/sq.ft.
Mass in liquid phase  =      0.55245E-01g/sq.ft.
Mass sorbed           =      0.80862    g/sq.ft.

Since last printout at time =       8.00
               Change in Total Mass =    -0.32032E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31626E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.15735E-02g/sq.ft.
                    Diffusion in from water table =    -0.27296E-01g/sq.ft.
               Total inflow at boundaries =    -0.32033E-01g/sq.ft.
               Mass discrepancy =     0.12224E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.96551    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.83714E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13512E-01g/sq.ft.
                    Diffusion in from water table =    -0.86829    g/sq.ft.
               Total inflow at boundaries =    -0.96551    g/sq.ft.
               Mass discrepancy =    -0.38184E-06g/sq.ft.


Polygon   4
At time =       9.00, total mass in vadose zone =    0.87306    g/sq.ft.
Mass in gas phase     =      0.37920E-01g/sq.ft.
Mass in liquid phase  =      0.53408E-01g/sq.ft.
Mass sorbed           =      0.78173    g/sq.ft.

Since last printout at time =       8.50
               Change in Total Mass =    -0.30026E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29340E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.16747E-02g/sq.ft.
                    Diffusion in from water table =    -0.25417E-01g/sq.ft.
               Total inflow at boundaries =    -0.30026E-01g/sq.ft.
               Mass discrepancy =    -0.63563E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.99554    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86648E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.15187E-01g/sq.ft.
                    Diffusion in from water table =    -0.89370    g/sq.ft.
               Total inflow at boundaries =    -0.99554    g/sq.ft.
               Mass discrepancy =    -0.41351E-06g/sq.ft.


Polygon   4
At time =       9.50, total mass in vadose zone =    0.84485    g/sq.ft.
Mass in gas phase     =      0.36694E-01g/sq.ft.
Mass in liquid phase  =      0.51682E-01g/sq.ft.
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Mass sorbed           =      0.75648    g/sq.ft.

Since last printout at time =       9.00
               Change in Total Mass =    -0.28211E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27261E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.17721E-02g/sq.ft.
                    Diffusion in from water table =    -0.23712E-01g/sq.ft.
               Total inflow at boundaries =    -0.28210E-01g/sq.ft.
               Mass discrepancy =    -0.66939E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0237    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89374E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16959E-01g/sq.ft.
                    Diffusion in from water table =    -0.91742    g/sq.ft.
               Total inflow at boundaries =     -1.0237    g/sq.ft.
               Mass discrepancy =    -0.50291E-06g/sq.ft.


Polygon   4
At time =      10.00, total mass in vadose zone =    0.81829    g/sq.ft.
Mass in gas phase     =      0.35541E-01g/sq.ft.
Mass in liquid phase  =      0.50057E-01g/sq.ft.
Mass sorbed           =      0.73269    g/sq.ft.

Since last printout at time =       9.50
               Change in Total Mass =    -0.26566E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25372E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.18650E-02g/sq.ft.
                    Diffusion in from water table =    -0.22164E-01g/sq.ft.
               Total inflow at boundaries =    -0.26566E-01g/sq.ft.
               Mass discrepancy =     0.22119E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0503    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91911E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.18824E-01g/sq.ft.
                    Diffusion in from water table =    -0.93958    g/sq.ft.
               Total inflow at boundaries =     -1.0503    g/sq.ft.
               Mass discrepancy =    -0.53458E-06g/sq.ft.


Polygon   4
At time =      10.50, total mass in vadose zone =    0.79321    g/sq.ft.
Mass in gas phase     =      0.34451E-01g/sq.ft.
Mass in liquid phase  =      0.48523E-01g/sq.ft.
Mass sorbed           =      0.71024    g/sq.ft.

Since last printout at time =      10.00
               Change in Total Mass =    -0.25076E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23656E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.19532E-02g/sq.ft.
                    Diffusion in from water table =    -0.20757E-01g/sq.ft.
               Total inflow at boundaries =    -0.25076E-01g/sq.ft.
               Mass discrepancy =    -0.82888E-07g/sq.ft.

Since beginning of run at time = 0.0
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               Change in Total Mass =     -1.0754    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94277E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20777E-01g/sq.ft.
                    Diffusion in from water table =    -0.96034    g/sq.ft.
               Total inflow at boundaries =     -1.0754    g/sq.ft.
               Mass discrepancy =    -0.67055E-06g/sq.ft.


Polygon   4
At time =      11.00, total mass in vadose zone =    0.76949    g/sq.ft.
Mass in gas phase     =      0.33421E-01g/sq.ft.
Mass in liquid phase  =      0.47072E-01g/sq.ft.
Mass sorbed           =      0.68899    g/sq.ft.

Since last printout at time =      10.50
               Change in Total Mass =    -0.23722E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22097E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.20362E-02g/sq.ft.
                    Diffusion in from water table =    -0.19476E-01g/sq.ft.
               Total inflow at boundaries =    -0.23722E-01g/sq.ft.
               Mass discrepancy =    -0.77533E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0991    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96487E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.22813E-01g/sq.ft.
                    Diffusion in from water table =    -0.97981    g/sq.ft.
               Total inflow at boundaries =     -1.0991    g/sq.ft.
               Mass discrepancy =    -0.72643E-06g/sq.ft.


Polygon   4
At time =      11.50, total mass in vadose zone =    0.74700    g/sq.ft.
Mass in gas phase     =      0.32444E-01g/sq.ft.
Mass in liquid phase  =      0.45696E-01g/sq.ft.
Mass sorbed           =      0.66886    g/sq.ft.

Since last printout at time =      11.00
               Change in Total Mass =    -0.22490E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20680E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.21139E-02g/sq.ft.
                    Diffusion in from water table =    -0.18308E-01g/sq.ft.
               Total inflow at boundaries =    -0.22490E-01g/sq.ft.
               Mass discrepancy =     0.39581E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1216    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98555E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24927E-01g/sq.ft.
                    Diffusion in from water table =    -0.99812    g/sq.ft.
               Total inflow at boundaries =     -1.1216    g/sq.ft.
               Mass discrepancy =    -0.79349E-06g/sq.ft.


Polygon   4
At time =      12.00, total mass in vadose zone =    0.72563    g/sq.ft.
Mass in gas phase     =      0.31516E-01g/sq.ft.
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Mass in liquid phase  =      0.44389E-01g/sq.ft.
Mass sorbed           =      0.64972    g/sq.ft.

Since last printout at time =      11.50
               Change in Total Mass =    -0.21368E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19391E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.21861E-02g/sq.ft.
                    Diffusion in from water table =    -0.17242E-01g/sq.ft.
               Total inflow at boundaries =    -0.21368E-01g/sq.ft.
               Mass discrepancy =    -0.58557E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1430    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10049    g/sq.ft.
                    Diffusion in from atmosphere =     -0.27113E-01g/sq.ft.
                    Diffusion in from water table =     -1.0154    g/sq.ft.
               Total inflow at boundaries =     -1.1430    g/sq.ft.
               Mass discrepancy =    -0.74692E-06g/sq.ft.


Polygon   4
At time =      12.50, total mass in vadose zone =    0.70529    g/sq.ft.
Mass in gas phase     =      0.30633E-01g/sq.ft.
Mass in liquid phase  =      0.43145E-01g/sq.ft.
Mass sorbed           =      0.63151    g/sq.ft.

Since last printout at time =      12.00
               Change in Total Mass =    -0.20342E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18215E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.22527E-02g/sq.ft.
                    Diffusion in from water table =    -0.16267E-01g/sq.ft.
               Total inflow at boundaries =    -0.20342E-01g/sq.ft.
               Mass discrepancy =    -0.48545E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1633    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10232    g/sq.ft.
                    Diffusion in from atmosphere =     -0.29366E-01g/sq.ft.
                    Diffusion in from water table =     -1.0316    g/sq.ft.
               Total inflow at boundaries =     -1.1633    g/sq.ft.
               Mass discrepancy =    -0.78604E-06g/sq.ft.


Polygon   4
At time =      13.00, total mass in vadose zone =    0.68589    g/sq.ft.
Mass in gas phase     =      0.29790E-01g/sq.ft.
Mass in liquid phase  =      0.41958E-01g/sq.ft.
Mass sorbed           =      0.61414    g/sq.ft.

Since last printout at time =      12.50
               Change in Total Mass =    -0.19402E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17143E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.23137E-02g/sq.ft.
                    Diffusion in from water table =    -0.15374E-01g/sq.ft.
               Total inflow at boundaries =    -0.19402E-01g/sq.ft.
               Mass discrepancy =    -0.37253E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1827    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10403    g/sq.ft.
                    Diffusion in from atmosphere =     -0.31679E-01g/sq.ft.
                    Diffusion in from water table =     -1.0470    g/sq.ft.
               Total inflow at boundaries =     -1.1827    g/sq.ft.
               Mass discrepancy =    -0.88289E-06g/sq.ft.


Polygon   4
At time =      13.50, total mass in vadose zone =    0.66735    g/sq.ft.
Mass in gas phase     =      0.28985E-01g/sq.ft.
Mass in liquid phase  =      0.40824E-01g/sq.ft.
Mass sorbed           =      0.59754    g/sq.ft.

Since last printout at time =      13.00
               Change in Total Mass =    -0.18539E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16162E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.23691E-02g/sq.ft.
                    Diffusion in from water table =    -0.14553E-01g/sq.ft.
               Total inflow at boundaries =    -0.18539E-01g/sq.ft.
               Mass discrepancy =    -0.49011E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2013    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10565    g/sq.ft.
                    Diffusion in from atmosphere =     -0.34049E-01g/sq.ft.
                    Diffusion in from water table =     -1.0616    g/sq.ft.
               Total inflow at boundaries =     -1.2013    g/sq.ft.
               Mass discrepancy =    -0.97975E-06g/sq.ft.


Polygon   4
At time =      14.00, total mass in vadose zone =    0.64960    g/sq.ft.
Mass in gas phase     =      0.28214E-01g/sq.ft.
Mass in liquid phase  =      0.39738E-01g/sq.ft.
Mass sorbed           =      0.58165    g/sq.ft.

Since last printout at time =      13.50
               Change in Total Mass =    -0.17744E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15265E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.24189E-02g/sq.ft.
                    Diffusion in from water table =    -0.13798E-01g/sq.ft.
               Total inflow at boundaries =    -0.17744E-01g/sq.ft.
               Mass discrepancy =    -0.50873E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2190    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10717    g/sq.ft.
                    Diffusion in from atmosphere =     -0.36467E-01g/sq.ft.
                    Diffusion in from water table =     -1.0754    g/sq.ft.
               Total inflow at boundaries =     -1.2190    g/sq.ft.
               Mass discrepancy =    -0.10245E-05g/sq.ft.


Polygon   4
At time =      14.50, total mass in vadose zone =    0.63259    g/sq.ft.
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Mass in gas phase     =      0.27475E-01g/sq.ft.
Mass in liquid phase  =      0.38698E-01g/sq.ft.
Mass sorbed           =      0.56642    g/sq.ft.

Since last printout at time =      14.00
               Change in Total Mass =    -0.17010E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14441E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.24633E-02g/sq.ft.
                    Diffusion in from water table =    -0.13103E-01g/sq.ft.
               Total inflow at boundaries =    -0.17010E-01g/sq.ft.
               Mass discrepancy =     0.22701E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2360    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10862    g/sq.ft.
                    Diffusion in from atmosphere =     -0.38931E-01g/sq.ft.
                    Diffusion in from water table =     -1.0885    g/sq.ft.
               Total inflow at boundaries =     -1.2360    g/sq.ft.
               Mass discrepancy =    -0.10170E-05g/sq.ft.


Polygon   4
At time =      15.00, total mass in vadose zone =    0.61626    g/sq.ft.
Mass in gas phase     =      0.26766E-01g/sq.ft.
Mass in liquid phase  =      0.37699E-01g/sq.ft.
Mass sorbed           =      0.55180    g/sq.ft.

Since last printout at time =      14.50
               Change in Total Mass =    -0.16331E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13684E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.25024E-02g/sq.ft.
                    Diffusion in from water table =    -0.12460E-01g/sq.ft.
               Total inflow at boundaries =    -0.16331E-01g/sq.ft.
               Mass discrepancy =    -0.63563E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2523    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10998    g/sq.ft.
                    Diffusion in from atmosphere =     -0.41433E-01g/sq.ft.
                    Diffusion in from water table =     -1.1009    g/sq.ft.
               Total inflow at boundaries =     -1.2523    g/sq.ft.
               Mass discrepancy =    -0.81956E-06g/sq.ft.


Polygon   4
At time =      15.50, total mass in vadose zone =    0.60056    g/sq.ft.
Mass in gas phase     =      0.26084E-01g/sq.ft.
Mass in liquid phase  =      0.36738E-01g/sq.ft.
Mass sorbed           =      0.53774    g/sq.ft.

Since last printout at time =      15.00
               Change in Total Mass =    -0.15701E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12986E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.25363E-02g/sq.ft.
                    Diffusion in from water table =    -0.11866E-01g/sq.ft.
               Total inflow at boundaries =    -0.15701E-01g/sq.ft.
               Mass discrepancy =    -0.73109E-07g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2680    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11128    g/sq.ft.
                    Diffusion in from atmosphere =     -0.43969E-01g/sq.ft.
                    Diffusion in from water table =     -1.1128    g/sq.ft.
               Total inflow at boundaries =     -1.2680    g/sq.ft.
               Mass discrepancy =    -0.89407E-06g/sq.ft.


Polygon   4
At time =      16.00, total mass in vadose zone =    0.58545    g/sq.ft.
Mass in gas phase     =      0.25428E-01g/sq.ft.
Mass in liquid phase  =      0.35814E-01g/sq.ft.
Mass sorbed           =      0.52421    g/sq.ft.

Since last printout at time =      15.50
               Change in Total Mass =    -0.15114E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12343E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.25653E-02g/sq.ft.
                    Diffusion in from water table =    -0.11315E-01g/sq.ft.
               Total inflow at boundaries =    -0.15114E-01g/sq.ft.
               Mass discrepancy =     0.12689E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2832    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11252    g/sq.ft.
                    Diffusion in from atmosphere =     -0.46535E-01g/sq.ft.
                    Diffusion in from water table =     -1.1241    g/sq.ft.
               Total inflow at boundaries =     -1.2832    g/sq.ft.
               Mass discrepancy =    -0.10282E-05g/sq.ft.


Polygon   4
At time =      16.50, total mass in vadose zone =    0.57088    g/sq.ft.
Mass in gas phase     =      0.24795E-01g/sq.ft.
Mass in liquid phase  =      0.34923E-01g/sq.ft.
Mass sorbed           =      0.51116    g/sq.ft.

Since last printout at time =      16.00
               Change in Total Mass =    -0.14567E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11748E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.25894E-02g/sq.ft.
                    Diffusion in from water table =    -0.10803E-01g/sq.ft.
               Total inflow at boundaries =    -0.14567E-01g/sq.ft.
               Mass discrepancy =    -0.27008E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2977    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11369    g/sq.ft.
                    Diffusion in from atmosphere =     -0.49124E-01g/sq.ft.
                    Diffusion in from water table =     -1.1349    g/sq.ft.
               Total inflow at boundaries =     -1.2977    g/sq.ft.
               Mass discrepancy =    -0.11399E-05g/sq.ft.


Polygon   4
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```
At time =      17.00, total mass in vadose zone =    0.55682    g/sq.ft.
Mass in gas phase     =      0.24185E-01g/sq.ft.
Mass in liquid phase  =      0.34063E-01g/sq.ft.
Mass sorbed           =      0.49858    g/sq.ft.

Since last printout at time =      16.50
               Change in Total Mass =    -0.14055E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11197E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.26090E-02g/sq.ft.
                    Diffusion in from water table =    -0.10327E-01g/sq.ft.
               Total inflow at boundaries =    -0.14055E-01g/sq.ft.
               Mass discrepancy =    -0.68336E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.3118    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11481    g/sq.ft.
                    Diffusion in from atmosphere =     -0.51733E-01g/sq.ft.
                    Diffusion in from water table =     -1.1452    g/sq.ft.
               Total inflow at boundaries =     -1.3118    g/sq.ft.
               Mass discrepancy =    -0.12107E-05g/sq.ft.


Polygon   4
At time =      17.50, total mass in vadose zone =    0.54325    g/sq.ft.
Mass in gas phase     =      0.23595E-01g/sq.ft.
Mass in liquid phase  =      0.33232E-01g/sq.ft.
Mass sorbed           =      0.48642    g/sq.ft.

Since last printout at time =      17.00
               Change in Total Mass =    -0.13576E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10685E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.26242E-02g/sq.ft.
                    Diffusion in from water table =    -0.98829E-02g/sq.ft.
               Total inflow at boundaries =    -0.13576E-01g/sq.ft.
               Mass discrepancy =    -0.38417E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.3254    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11588    g/sq.ft.
                    Diffusion in from atmosphere =     -0.54357E-01g/sq.ft.
                    Diffusion in from water table =     -1.1551    g/sq.ft.
               Total inflow at boundaries =     -1.3254    g/sq.ft.
               Mass discrepancy =    -0.11511E-05g/sq.ft.


Polygon   4
At time =      18.00, total mass in vadose zone =    0.53012    g/sq.ft.
Mass in gas phase     =      0.23025E-01g/sq.ft.
Mass in liquid phase  =      0.32429E-01g/sq.ft.
Mass sorbed           =      0.47467    g/sq.ft.

Since last printout at time =      17.50
               Change in Total Mass =    -0.13125E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10210E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.26353E-02g/sq.ft.
                    Diffusion in from water table =    -0.94684E-02g/sq.ft.
               Total inflow at boundaries =    -0.13125E-01g/sq.ft.
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               Mass discrepancy =    -0.37951E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.3385    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11690    g/sq.ft.
                    Diffusion in from atmosphere =     -0.56993E-01g/sq.ft.
                    Diffusion in from water table =     -1.1646    g/sq.ft.
               Total inflow at boundaries =     -1.3385    g/sq.ft.
               Mass discrepancy =    -0.11437E-05g/sq.ft.


Polygon   4
At time =      18.50, total mass in vadose zone =    0.51742    g/sq.ft.
Mass in gas phase     =      0.22473E-01g/sq.ft.
Mass in liquid phase  =      0.31652E-01g/sq.ft.
Mass sorbed           =      0.46330    g/sq.ft.

Since last printout at time =      18.00
               Change in Total Mass =    -0.12700E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97669E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.26424E-02g/sq.ft.
                    Diffusion in from water table =    -0.90808E-02g/sq.ft.
               Total inflow at boundaries =    -0.12700E-01g/sq.ft.
               Mass discrepancy =    -0.22352E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.3512    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11788    g/sq.ft.
                    Diffusion in from atmosphere =     -0.59635E-01g/sq.ft.
                    Diffusion in from water table =     -1.1737    g/sq.ft.
               Total inflow at boundaries =     -1.3512    g/sq.ft.
               Mass discrepancy =    -0.11437E-05g/sq.ft.


Polygon   4
At time =      19.00, total mass in vadose zone =    0.50513    g/sq.ft.
Mass in gas phase     =      0.21939E-01g/sq.ft.
Mass in liquid phase  =      0.30900E-01g/sq.ft.
Mass sorbed           =      0.45229    g/sq.ft.

Since last printout at time =      18.50
               Change in Total Mass =    -0.12299E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.93537E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.26459E-02g/sq.ft.
                    Diffusion in from water table =    -0.87176E-02g/sq.ft.
               Total inflow at boundaries =    -0.12299E-01g/sq.ft.
               Mass discrepancy =    -0.34517E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.3635    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11881    g/sq.ft.
                    Diffusion in from atmosphere =     -0.62281E-01g/sq.ft.
                    Diffusion in from water table =     -1.1824    g/sq.ft.
               Total inflow at boundaries =     -1.3635    g/sq.ft.
               Mass discrepancy =    -0.12331E-05g/sq.ft.
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Polygon   4
At time =      19.50, total mass in vadose zone =    0.49321    g/sq.ft.
Mass in gas phase     =      0.21421E-01g/sq.ft.
Mass in liquid phase  =      0.30171E-01g/sq.ft.
Mass sorbed           =      0.44161    g/sq.ft.

Since last printout at time =      19.00
               Change in Total Mass =    -0.11919E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89675E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.26458E-02g/sq.ft.
                    Diffusion in from water table =    -0.83768E-02g/sq.ft.
               Total inflow at boundaries =    -0.11919E-01g/sq.ft.
               Mass discrepancy =     0.11059E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.3754    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11971    g/sq.ft.
                    Diffusion in from atmosphere =     -0.64927E-01g/sq.ft.
                    Diffusion in from water table =     -1.1908    g/sq.ft.
               Total inflow at boundaries =     -1.3754    g/sq.ft.
               Mass discrepancy =    -0.13560E-05g/sq.ft.


Polygon   4
At time =      20.00, total mass in vadose zone =    0.48165    g/sq.ft.
Mass in gas phase     =      0.20919E-01g/sq.ft.
Mass in liquid phase  =      0.29464E-01g/sq.ft.
Mass sorbed           =      0.43126    g/sq.ft.

Since last printout at time =      19.50
               Change in Total Mass =    -0.11560E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86059E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.26425E-02g/sq.ft.
                    Diffusion in from water table =    -0.80566E-02g/sq.ft.
               Total inflow at boundaries =    -0.11560E-01g/sq.ft.
               Mass discrepancy =    -0.21013E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.3870    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12057    g/sq.ft.
                    Diffusion in from atmosphere =     -0.67569E-01g/sq.ft.
                    Diffusion in from water table =     -1.1988    g/sq.ft.
               Total inflow at boundaries =     -1.3870    g/sq.ft.
               Mass discrepancy =    -0.12293E-05g/sq.ft.


Polygon   4
At time =      20.50, total mass in vadose zone =    0.47043    g/sq.ft.
Mass in gas phase     =      0.20432E-01g/sq.ft.
Mass in liquid phase  =      0.28778E-01g/sq.ft.
Mass sorbed           =      0.42122    g/sq.ft.

Since last printout at time =      20.00
               Change in Total Mass =    -0.11218E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82669E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.26362E-02g/sq.ft.
                    Diffusion in from water table =    -0.77552E-02g/sq.ft.
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               Total inflow at boundaries =    -0.11218E-01g/sq.ft.
               Mass discrepancy =    -0.23807E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.3982    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12140    g/sq.ft.
                    Diffusion in from atmosphere =     -0.70206E-01g/sq.ft.
                    Diffusion in from water table =     -1.2066    g/sq.ft.
               Total inflow at boundaries =     -1.3982    g/sq.ft.
               Mass discrepancy =    -0.12219E-05g/sq.ft.


Polygon   4
At time =      21.00, total mass in vadose zone =    0.45954    g/sq.ft.
Mass in gas phase     =      0.19959E-01g/sq.ft.
Mass in liquid phase  =      0.28111E-01g/sq.ft.
Mass sorbed           =      0.41147    g/sq.ft.

Since last printout at time =      20.50
               Change in Total Mass =    -0.10893E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.79485E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.26270E-02g/sq.ft.
                    Diffusion in from water table =    -0.74712E-02g/sq.ft.
               Total inflow at boundaries =    -0.10893E-01g/sq.ft.
               Mass discrepancy =     0.14319E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.4091    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12219    g/sq.ft.
                    Diffusion in from atmosphere =     -0.72833E-01g/sq.ft.
                    Diffusion in from water table =     -1.2140    g/sq.ft.
               Total inflow at boundaries =     -1.4091    g/sq.ft.
               Mass discrepancy =    -0.11846E-05g/sq.ft.


Polygon   4
At time =      21.50, total mass in vadose zone =    0.44895    g/sq.ft.
Mass in gas phase     =      0.19499E-01g/sq.ft.
Mass in liquid phase  =      0.27464E-01g/sq.ft.
Mass sorbed           =      0.40199    g/sq.ft.

Since last printout at time =      21.00
               Change in Total Mass =    -0.10583E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76489E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.26152E-02g/sq.ft.
                    Diffusion in from water table =    -0.72031E-02g/sq.ft.
               Total inflow at boundaries =    -0.10583E-01g/sq.ft.
               Mass discrepancy =    -0.86671E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.4196    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12296    g/sq.ft.
                    Diffusion in from atmosphere =     -0.75448E-01g/sq.ft.
                    Diffusion in from water table =     -1.2212    g/sq.ft.
               Total inflow at boundaries =     -1.4196    g/sq.ft.
               Mass discrepancy =    -0.12368E-05g/sq.ft.
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Polygon   4
At time =      22.00, total mass in vadose zone =    0.43866    g/sq.ft.
Mass in gas phase     =      0.19052E-01g/sq.ft.
Mass in liquid phase  =      0.26834E-01g/sq.ft.
Mass sorbed           =      0.39278    g/sq.ft.

Since last printout at time =      21.50
               Change in Total Mass =    -0.10287E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.73668E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.26010E-02g/sq.ft.
                    Diffusion in from water table =    -0.69497E-02g/sq.ft.
               Total inflow at boundaries =    -0.10287E-01g/sq.ft.
               Mass discrepancy =    -0.27183E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.4299    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12369    g/sq.ft.
                    Diffusion in from atmosphere =     -0.78049E-01g/sq.ft.
                    Diffusion in from water table =     -1.2282    g/sq.ft.
               Total inflow at boundaries =     -1.4299    g/sq.ft.
               Mass discrepancy =    -0.14007E-05g/sq.ft.


Polygon   4
At time =      22.50, total mass in vadose zone =    0.42866    g/sq.ft.
Mass in gas phase     =      0.18618E-01g/sq.ft.
Mass in liquid phase  =      0.26222E-01g/sq.ft.
Mass sorbed           =      0.38382    g/sq.ft.

Since last printout at time =      22.00
               Change in Total Mass =    -0.10004E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71006E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.25845E-02g/sq.ft.
                    Diffusion in from water table =    -0.67099E-02g/sq.ft.
               Total inflow at boundaries =    -0.10004E-01g/sq.ft.
               Mass discrepancy =    -0.15250E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.4399    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12440    g/sq.ft.
                    Diffusion in from atmosphere =     -0.80633E-01g/sq.ft.
                    Diffusion in from water table =     -1.2349    g/sq.ft.
               Total inflow at boundaries =     -1.4399    g/sq.ft.
               Mass discrepancy =    -0.15870E-05g/sq.ft.


Polygon   4
At time =      23.00, total mass in vadose zone =    0.41893    g/sq.ft.
Mass in gas phase     =      0.18195E-01g/sq.ft.
Mass in liquid phase  =      0.25627E-01g/sq.ft.
Mass sorbed           =      0.37510    g/sq.ft.

Since last printout at time =      22.50
               Change in Total Mass =    -0.97335E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68492E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.25660E-02g/sq.ft.
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                    Diffusion in from water table =    -0.64826E-02g/sq.ft.
               Total inflow at boundaries =    -0.97335E-02g/sq.ft.
               Mass discrepancy =     0.75670E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.4497    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12509    g/sq.ft.
                    Diffusion in from atmosphere =     -0.83199E-01g/sq.ft.
                    Diffusion in from water table =     -1.2414    g/sq.ft.
               Total inflow at boundaries =     -1.4497    g/sq.ft.
               Mass discrepancy =    -0.16019E-05g/sq.ft.


Polygon   4
At time =      23.50, total mass in vadose zone =    0.40945    g/sq.ft.
Mass in gas phase     =      0.17784E-01g/sq.ft.
Mass in liquid phase  =      0.25048E-01g/sq.ft.
Mass sorbed           =      0.36662    g/sq.ft.

Since last printout at time =      23.00
               Change in Total Mass =    -0.94738E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.66114E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.25455E-02g/sq.ft.
                    Diffusion in from water table =    -0.62671E-02g/sq.ft.
               Total inflow at boundaries =    -0.94737E-02g/sq.ft.
               Mass discrepancy =    -0.36147E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.4591    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12575    g/sq.ft.
                    Diffusion in from atmosphere =     -0.85745E-01g/sq.ft.
                    Diffusion in from water table =     -1.2477    g/sq.ft.
               Total inflow at boundaries =     -1.4591    g/sq.ft.
               Mass discrepancy =    -0.17583E-05g/sq.ft.


Polygon   4
At time =      24.00, total mass in vadose zone =    0.40023    g/sq.ft.
Mass in gas phase     =      0.17383E-01g/sq.ft.
Mass in liquid phase  =      0.24483E-01g/sq.ft.
Mass sorbed           =      0.35836    g/sq.ft.

Since last printout at time =      23.50
               Change in Total Mass =    -0.92243E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.63861E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.25234E-02g/sq.ft.
                    Diffusion in from water table =    -0.60623E-02g/sq.ft.
               Total inflow at boundaries =    -0.92243E-02g/sq.ft.
               Mass discrepancy =    -0.93132E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.4684    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12639    g/sq.ft.
                    Diffusion in from atmosphere =     -0.88268E-01g/sq.ft.
                    Diffusion in from water table =     -1.2537    g/sq.ft.
               Total inflow at boundaries =     -1.4684    g/sq.ft.
               Mass discrepancy =    -0.19073E-05g/sq.ft.
```

```
Polygon   4
At time =      24.50, total mass in vadose zone =    0.39124    g/sq.ft.
Mass in gas phase     =      0.16993E-01g/sq.ft.
Mass in liquid phase  =      0.23934E-01g/sq.ft.
Mass sorbed           =      0.35032    g/sq.ft.

Since last printout at time =      24.00
               Change in Total Mass =    -0.89845E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61725E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.24997E-02g/sq.ft.
                    Diffusion in from water table =    -0.58675E-02g/sq.ft.
               Total inflow at boundaries =    -0.89845E-02g/sq.ft.
               Mass discrepancy =    -0.54075E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.4774    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12701    g/sq.ft.
                    Diffusion in from atmosphere =     -0.90768E-01g/sq.ft.
                    Diffusion in from water table =     -1.2596    g/sq.ft.
               Total inflow at boundaries =     -1.4774    g/sq.ft.
               Mass discrepancy =    -0.19073E-05g/sq.ft.


Polygon   4
At time =      25.00, total mass in vadose zone =    0.38249    g/sq.ft.
Mass in gas phase     =      0.16613E-01g/sq.ft.
Mass in liquid phase  =      0.23398E-01g/sq.ft.
Mass sorbed           =      0.34248    g/sq.ft.

Since last printout at time =      24.50
               Change in Total Mass =    -0.87537E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59697E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.24746E-02g/sq.ft.
                    Diffusion in from water table =    -0.56822E-02g/sq.ft.
               Total inflow at boundaries =    -0.87537E-02g/sq.ft.
               Mass discrepancy =    -0.28231E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.4861    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12760    g/sq.ft.
                    Diffusion in from atmosphere =     -0.93242E-01g/sq.ft.
                    Diffusion in from water table =     -1.2653    g/sq.ft.
               Total inflow at boundaries =     -1.4861    g/sq.ft.
               Mass discrepancy =    -0.17434E-05g/sq.ft.


Polygon   4
At time =      25.50, total mass in vadose zone =    0.37396    g/sq.ft.
Mass in gas phase     =      0.16242E-01g/sq.ft.
Mass in liquid phase  =      0.22876E-01g/sq.ft.
Mass sorbed           =      0.33484    g/sq.ft.

Since last printout at time =      25.00
               Change in Total Mass =    -0.85313E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.57769E-03g/sq.ft.
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                    Diffusion in from atmosphere =     -0.24482E-02g/sq.ft.
                    Diffusion in from water table =    -0.55055E-02g/sq.ft.
               Total inflow at boundaries =    -0.85313E-02g/sq.ft.
               Mass discrepancy =     0.30093E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.4946    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12818    g/sq.ft.
                    Diffusion in from atmosphere =     -0.95691E-01g/sq.ft.
                    Diffusion in from water table =     -1.2708    g/sq.ft.
               Total inflow at boundaries =     -1.4946    g/sq.ft.
               Mass discrepancy =    -0.17583E-05g/sq.ft.


Polygon   4
At time =      26.00, total mass in vadose zone =    0.36564    g/sq.ft.
Mass in gas phase     =      0.15881E-01g/sq.ft.
Mass in liquid phase  =      0.22367E-01g/sq.ft.
Mass sorbed           =      0.32739    g/sq.ft.

Since last printout at time =      25.50
               Change in Total Mass =    -0.83169E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55935E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.24206E-02g/sq.ft.
                    Diffusion in from water table =    -0.53369E-02g/sq.ft.
               Total inflow at boundaries =    -0.83169E-02g/sq.ft.
               Mass discrepancy =    -0.41560E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5030    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12874    g/sq.ft.
                    Diffusion in from atmosphere =     -0.98111E-01g/sq.ft.
                    Diffusion in from water table =     -1.2761    g/sq.ft.
               Total inflow at boundaries =     -1.5030    g/sq.ft.
               Mass discrepancy =    -0.19446E-05g/sq.ft.


Polygon   4
At time =      26.50, total mass in vadose zone =    0.35753    g/sq.ft.
Mass in gas phase     =      0.15529E-01g/sq.ft.
Mass in liquid phase  =      0.21871E-01g/sq.ft.
Mass sorbed           =      0.32013    g/sq.ft.

Since last printout at time =      26.00
               Change in Total Mass =    -0.81099E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.54187E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.23921E-02g/sq.ft.
                    Diffusion in from water table =    -0.51760E-02g/sq.ft.
               Total inflow at boundaries =    -0.81099E-02g/sq.ft.
               Mass discrepancy =    -0.17462E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5111    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12928    g/sq.ft.
                    Diffusion in from atmosphere =     -0.10050    g/sq.ft.
                    Diffusion in from water table =     -1.2813    g/sq.ft.
               Total inflow at boundaries =     -1.5111    g/sq.ft.
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               Mass discrepancy =    -0.18477E-05g/sq.ft.


Polygon   4
At time =      27.00, total mass in vadose zone =    0.34962    g/sq.ft.
Mass in gas phase     =      0.15185E-01g/sq.ft.
Mass in liquid phase  =      0.21387E-01g/sq.ft.
Mass sorbed           =      0.31305    g/sq.ft.

Since last printout at time =      26.50
               Change in Total Mass =    -0.79100E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52520E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.23626E-02g/sq.ft.
                    Diffusion in from water table =    -0.50221E-02g/sq.ft.
               Total inflow at boundaries =    -0.79099E-02g/sq.ft.
               Mass discrepancy =    -0.43015E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5190    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12981    g/sq.ft.
                    Diffusion in from atmosphere =     -0.10287    g/sq.ft.
                    Diffusion in from water table =     -1.2863    g/sq.ft.
               Total inflow at boundaries =     -1.5190    g/sq.ft.
               Mass discrepancy =    -0.19148E-05g/sq.ft.


Polygon   4
At time =      27.50, total mass in vadose zone =    0.34191    g/sq.ft.
Mass in gas phase     =      0.14850E-01g/sq.ft.
Mass in liquid phase  =      0.20915E-01g/sq.ft.
Mass sorbed           =      0.30614    g/sq.ft.

Since last printout at time =      27.00
               Change in Total Mass =    -0.77165E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50928E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.23324E-02g/sq.ft.
                    Diffusion in from water table =    -0.48749E-02g/sq.ft.
               Total inflow at boundaries =    -0.77165E-02g/sq.ft.
               Mass discrepancy =     0.66357E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5267    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13032    g/sq.ft.
                    Diffusion in from atmosphere =     -0.10520    g/sq.ft.
                    Diffusion in from water table =     -1.2912    g/sq.ft.
               Total inflow at boundaries =     -1.5267    g/sq.ft.
               Mass discrepancy =    -0.20638E-05g/sq.ft.


Polygon   4
At time =      28.00, total mass in vadose zone =    0.33438    g/sq.ft.
Mass in gas phase     =      0.14523E-01g/sq.ft.
Mass in liquid phase  =      0.20455E-01g/sq.ft.
Mass sorbed           =      0.29940    g/sq.ft.

Since last printout at time =      27.50
               Change in Total Mass =    -0.75294E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.49408E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.23015E-02g/sq.ft.
                    Diffusion in from water table =    -0.47339E-02g/sq.ft.
               Total inflow at boundaries =    -0.75294E-02g/sq.ft.
               Mass discrepancy =    -0.50059E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5342    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13081    g/sq.ft.
                    Diffusion in from atmosphere =     -0.10750    g/sq.ft.
                    Diffusion in from water table =     -1.2959    g/sq.ft.
               Total inflow at boundaries =     -1.5342    g/sq.ft.
               Mass discrepancy =    -0.19744E-05g/sq.ft.


Polygon   4
At time =      28.50, total mass in vadose zone =    0.32703    g/sq.ft.
Mass in gas phase     =      0.14204E-01g/sq.ft.
Mass in liquid phase  =      0.20005E-01g/sq.ft.
Mass sorbed           =      0.29282    g/sq.ft.

Since last printout at time =      28.00
               Change in Total Mass =    -0.73482E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47953E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.22700E-02g/sq.ft.
                    Diffusion in from water table =    -0.45987E-02g/sq.ft.
               Total inflow at boundaries =    -0.73482E-02g/sq.ft.
               Mass discrepancy =     0.10186E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5416    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13129    g/sq.ft.
                    Diffusion in from atmosphere =     -0.10977    g/sq.ft.
                    Diffusion in from water table =     -1.3005    g/sq.ft.
               Total inflow at boundaries =     -1.5416    g/sq.ft.
               Mass discrepancy =    -0.19372E-05g/sq.ft.


Polygon   4
At time =      29.00, total mass in vadose zone =    0.31986    g/sq.ft.
Mass in gas phase     =      0.13892E-01g/sq.ft.
Mass in liquid phase  =      0.19567E-01g/sq.ft.
Mass sorbed           =      0.28640    g/sq.ft.

Since last printout at time =      28.50
               Change in Total Mass =    -0.71727E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46561E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.22380E-02g/sq.ft.
                    Diffusion in from water table =    -0.44691E-02g/sq.ft.
               Total inflow at boundaries =    -0.71727E-02g/sq.ft.
               Mass discrepancy =    -0.44092E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5487    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13176    g/sq.ft.
                    Diffusion in from atmosphere =     -0.11201    g/sq.ft.
                    Diffusion in from water table =     -1.3050    g/sq.ft.
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               Total inflow at boundaries =     -1.5487    g/sq.ft.
               Mass discrepancy =    -0.20042E-05g/sq.ft.


Polygon   4
At time =      29.50, total mass in vadose zone =    0.31285    g/sq.ft.
Mass in gas phase     =      0.13588E-01g/sq.ft.
Mass in liquid phase  =      0.19138E-01g/sq.ft.
Mass sorbed           =      0.28013    g/sq.ft.

Since last printout at time =      29.00
               Change in Total Mass =    -0.70025E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45226E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.22056E-02g/sq.ft.
                    Diffusion in from water table =    -0.43446E-02g/sq.ft.
               Total inflow at boundaries =    -0.70025E-02g/sq.ft.
               Mass discrepancy =     0.61118E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5557    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13221    g/sq.ft.
                    Diffusion in from atmosphere =     -0.11421    g/sq.ft.
                    Diffusion in from water table =     -1.3093    g/sq.ft.
               Total inflow at boundaries =     -1.5557    g/sq.ft.
               Mass discrepancy =    -0.20117E-05g/sq.ft.


Polygon   4
At time =      30.00, total mass in vadose zone =    0.30602    g/sq.ft.
Mass in gas phase     =      0.13291E-01g/sq.ft.
Mass in liquid phase  =      0.18720E-01g/sq.ft.
Mass sorbed           =      0.27400    g/sq.ft.

Since last printout at time =      29.50
               Change in Total Mass =    -0.68374E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43946E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.21729E-02g/sq.ft.
                    Diffusion in from water table =    -0.42250E-02g/sq.ft.
               Total inflow at boundaries =    -0.68373E-02g/sq.ft.
               Mass discrepancy =    -0.22847E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5626    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13265    g/sq.ft.
                    Diffusion in from atmosphere =     -0.11639    g/sq.ft.
                    Diffusion in from water table =     -1.3136    g/sq.ft.
               Total inflow at boundaries =     -1.5626    g/sq.ft.
               Mass discrepancy =    -0.18850E-05g/sq.ft.


Polygon   4
At time =      30.50, total mass in vadose zone =    0.29934    g/sq.ft.
Mass in gas phase     =      0.13001E-01g/sq.ft.
Mass in liquid phase  =      0.18311E-01g/sq.ft.
Mass sorbed           =      0.26803    g/sq.ft.

Since last printout at time =      30.00
               Change in Total Mass =    -0.66771E-02g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42718E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.21399E-02g/sq.ft.
                    Diffusion in from water table =    -0.41100E-02g/sq.ft.
               Total inflow at boundaries =    -0.66771E-02g/sq.ft.
               Mass discrepancy =    -0.27649E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5693    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13307    g/sq.ft.
                    Diffusion in from atmosphere =     -0.11853    g/sq.ft.
                    Diffusion in from water table =     -1.3177    g/sq.ft.
               Total inflow at boundaries =     -1.5693    g/sq.ft.
               Mass discrepancy =    -0.19744E-05g/sq.ft.


Polygon   4
At time =      31.00, total mass in vadose zone =    0.29282    g/sq.ft.
Mass in gas phase     =      0.12718E-01g/sq.ft.
Mass in liquid phase  =      0.17913E-01g/sq.ft.
Mass sorbed           =      0.26219    g/sq.ft.

Since last printout at time =      30.50
               Change in Total Mass =    -0.65214E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41538E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.21067E-02g/sq.ft.
                    Diffusion in from water table =    -0.39993E-02g/sq.ft.
               Total inflow at boundaries =    -0.65214E-02g/sq.ft.
               Mass discrepancy =     0.61118E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5758    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13349    g/sq.ft.
                    Diffusion in from atmosphere =     -0.12063    g/sq.ft.
                    Diffusion in from water table =     -1.3217    g/sq.ft.
               Total inflow at boundaries =     -1.5758    g/sq.ft.
               Mass discrepancy =    -0.20191E-05g/sq.ft.


Polygon   4
At time =      31.50, total mass in vadose zone =    0.28645    g/sq.ft.
Mass in gas phase     =      0.12441E-01g/sq.ft.
Mass in liquid phase  =      0.17523E-01g/sq.ft.
Mass sorbed           =      0.25648    g/sq.ft.

Since last printout at time =      31.00
               Change in Total Mass =    -0.63702E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40403E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.20734E-02g/sq.ft.
                    Diffusion in from water table =    -0.38927E-02g/sq.ft.
               Total inflow at boundaries =    -0.63702E-02g/sq.ft.
               Mass discrepancy =     0.22148E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5822    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13389    g/sq.ft.
                    Diffusion in from atmosphere =     -0.12271    g/sq.ft.
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                    Diffusion in from water table =     -1.3256    g/sq.ft.
               Total inflow at boundaries =     -1.5822    g/sq.ft.
               Mass discrepancy =    -0.21458E-05g/sq.ft.


Polygon   4
At time =      32.00, total mass in vadose zone =    0.28022    g/sq.ft.
Mass in gas phase     =      0.12171E-01g/sq.ft.
Mass in liquid phase  =      0.17142E-01g/sq.ft.
Mass sorbed           =      0.25091    g/sq.ft.

Since last printout at time =      31.50
               Change in Total Mass =    -0.62232E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39312E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.20401E-02g/sq.ft.
                    Diffusion in from water table =    -0.37900E-02g/sq.ft.
               Total inflow at boundaries =    -0.62232E-02g/sq.ft.
               Mass discrepancy =    -0.19529E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5884    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13429    g/sq.ft.
                    Diffusion in from atmosphere =     -0.12475    g/sq.ft.
                    Diffusion in from water table =     -1.3293    g/sq.ft.
               Total inflow at boundaries =     -1.5884    g/sq.ft.
               Mass discrepancy =    -0.22650E-05g/sq.ft.


Polygon   4
At time =      32.50, total mass in vadose zone =    0.27414    g/sq.ft.
Mass in gas phase     =      0.11907E-01g/sq.ft.
Mass in liquid phase  =      0.16770E-01g/sq.ft.
Mass sorbed           =      0.24547    g/sq.ft.

Since last printout at time =      32.00
               Change in Total Mass =    -0.60802E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38261E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.20067E-02g/sq.ft.
                    Diffusion in from water table =    -0.36909E-02g/sq.ft.
               Total inflow at boundaries =    -0.60802E-02g/sq.ft.
               Mass discrepancy =     0.11642E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.5945    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13467    g/sq.ft.
                    Diffusion in from atmosphere =     -0.12675    g/sq.ft.
                    Diffusion in from water table =     -1.3330    g/sq.ft.
               Total inflow at boundaries =     -1.5945    g/sq.ft.
               Mass discrepancy =    -0.21309E-05g/sq.ft.


Polygon   4
At time =      33.00, total mass in vadose zone =    0.26820    g/sq.ft.
Mass in gas phase     =      0.11649E-01g/sq.ft.
Mass in liquid phase  =      0.16407E-01g/sq.ft.
Mass sorbed           =      0.24015    g/sq.ft.

Since last printout at time =      32.50
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               Change in Total Mass =    -0.59412E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37249E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.19733E-02g/sq.ft.
                    Diffusion in from water table =    -0.35954E-02g/sq.ft.
               Total inflow at boundaries =    -0.59412E-02g/sq.ft.
               Mass discrepancy =    -0.22235E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6004    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13504    g/sq.ft.
                    Diffusion in from atmosphere =     -0.12873    g/sq.ft.
                    Diffusion in from water table =     -1.3366    g/sq.ft.
               Total inflow at boundaries =     -1.6004    g/sq.ft.
               Mass discrepancy =    -0.19521E-05g/sq.ft.


Polygon   4
At time =      33.50, total mass in vadose zone =    0.26240    g/sq.ft.
Mass in gas phase     =      0.11397E-01g/sq.ft.
Mass in liquid phase  =      0.16052E-01g/sq.ft.
Mass sorbed           =      0.23495    g/sq.ft.

Since last printout at time =      33.00
               Change in Total Mass =    -0.58059E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36273E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.19400E-02g/sq.ft.
                    Diffusion in from water table =    -0.35031E-02g/sq.ft.
               Total inflow at boundaries =    -0.58059E-02g/sq.ft.
               Mass discrepancy =    -0.38708E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6062    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13540    g/sq.ft.
                    Diffusion in from atmosphere =     -0.13067    g/sq.ft.
                    Diffusion in from water table =     -1.3401    g/sq.ft.
               Total inflow at boundaries =     -1.6062    g/sq.ft.
               Mass discrepancy =    -0.18924E-05g/sq.ft.


Polygon   4
At time =      34.00, total mass in vadose zone =    0.25672    g/sq.ft.
Mass in gas phase     =      0.11150E-01g/sq.ft.
Mass in liquid phase  =      0.15704E-01g/sq.ft.
Mass sorbed           =      0.22987    g/sq.ft.

Since last printout at time =      33.50
               Change in Total Mass =    -0.56742E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35331E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.19069E-02g/sq.ft.
                    Diffusion in from water table =    -0.34140E-02g/sq.ft.
               Total inflow at boundaries =    -0.56742E-02g/sq.ft.
               Mass discrepancy =    -0.31083E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6119    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13576    g/sq.ft.
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                    Diffusion in from atmosphere =     -0.13257    g/sq.ft.
                    Diffusion in from water table =     -1.3435    g/sq.ft.
               Total inflow at boundaries =     -1.6119    g/sq.ft.
               Mass discrepancy =    -0.19819E-05g/sq.ft.


Polygon   4
At time =      34.50, total mass in vadose zone =    0.25118    g/sq.ft.
Mass in gas phase     =      0.10909E-01g/sq.ft.
Mass in liquid phase  =      0.15365E-01g/sq.ft.
Mass sorbed           =      0.22490    g/sq.ft.

Since last printout at time =      34.00
               Change in Total Mass =    -0.55459E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34422E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.18738E-02g/sq.ft.
                    Diffusion in from water table =    -0.33278E-02g/sq.ft.
               Total inflow at boundaries =    -0.55459E-02g/sq.ft.
               Mass discrepancy =    -0.29861E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6174    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13610    g/sq.ft.
                    Diffusion in from atmosphere =     -0.13445    g/sq.ft.
                    Diffusion in from water table =     -1.3469    g/sq.ft.
               Total inflow at boundaries =     -1.6174    g/sq.ft.
               Mass discrepancy =    -0.19819E-05g/sq.ft.


Polygon   4
At time =      35.00, total mass in vadose zone =    0.24576    g/sq.ft.
Mass in gas phase     =      0.10674E-01g/sq.ft.
Mass in liquid phase  =      0.15034E-01g/sq.ft.
Mass sorbed           =      0.22005    g/sq.ft.

Since last printout at time =      34.50
               Change in Total Mass =    -0.54209E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33544E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.18410E-02g/sq.ft.
                    Diffusion in from water table =    -0.32445E-02g/sq.ft.
               Total inflow at boundaries =    -0.54209E-02g/sq.ft.
               Mass discrepancy =     0.69558E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6228    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13644    g/sq.ft.
                    Diffusion in from atmosphere =     -0.13629    g/sq.ft.
                    Diffusion in from water table =     -1.3501    g/sq.ft.
               Total inflow at boundaries =     -1.6228    g/sq.ft.
               Mass discrepancy =    -0.19222E-05g/sq.ft.


Polygon   4
At time =      35.50, total mass in vadose zone =    0.24046    g/sq.ft.
Mass in gas phase     =      0.10444E-01g/sq.ft.
Mass in liquid phase  =      0.14709E-01g/sq.ft.
Mass sorbed           =      0.21530    g/sq.ft.
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Since last printout at time =      35.00
               Change in Total Mass =    -0.52992E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32695E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.18084E-02g/sq.ft.
                    Diffusion in from water table =    -0.31639E-02g/sq.ft.
               Total inflow at boundaries =    -0.52992E-02g/sq.ft.
               Mass discrepancy =    -0.10768E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6281    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13676    g/sq.ft.
                    Diffusion in from atmosphere =     -0.13810    g/sq.ft.
                    Diffusion in from water table =     -1.3533    g/sq.ft.
               Total inflow at boundaries =     -1.6281    g/sq.ft.
               Mass discrepancy =    -0.19968E-05g/sq.ft.


Polygon   4
At time =      36.00, total mass in vadose zone =    0.23528    g/sq.ft.
Mass in gas phase     =      0.10219E-01g/sq.ft.
Mass in liquid phase  =      0.14393E-01g/sq.ft.
Mass sorbed           =      0.21066    g/sq.ft.

Since last printout at time =      35.50
               Change in Total Mass =    -0.51806E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31875E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17760E-02g/sq.ft.
                    Diffusion in from water table =    -0.30858E-02g/sq.ft.
               Total inflow at boundaries =    -0.51806E-02g/sq.ft.
               Mass discrepancy =    -0.36380E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6333    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13708    g/sq.ft.
                    Diffusion in from atmosphere =     -0.13987    g/sq.ft.
                    Diffusion in from water table =     -1.3564    g/sq.ft.
               Total inflow at boundaries =     -1.6333    g/sq.ft.
               Mass discrepancy =    -0.19521E-05g/sq.ft.


Polygon   4
At time =      36.50, total mass in vadose zone =    0.23021    g/sq.ft.
Mass in gas phase     =      0.99987E-02g/sq.ft.
Mass in liquid phase  =      0.14083E-01g/sq.ft.
Mass sorbed           =      0.20613    g/sq.ft.

Since last printout at time =      36.00
               Change in Total Mass =    -0.50650E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31081E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17439E-02g/sq.ft.
                    Diffusion in from water table =    -0.30102E-02g/sq.ft.
               Total inflow at boundaries =    -0.50649E-02g/sq.ft.
               Mass discrepancy =    -0.33004E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6384    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.13739    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14162    g/sq.ft.
                    Diffusion in from water table =     -1.3594    g/sq.ft.
               Total inflow at boundaries =     -1.6384    g/sq.ft.
               Mass discrepancy =    -0.20266E-05g/sq.ft.


Polygon   4
At time =      37.00, total mass in vadose zone =    0.22526    g/sq.ft.
Mass in gas phase     =      0.97836E-02g/sq.ft.
Mass in liquid phase  =      0.13780E-01g/sq.ft.
Mass sorbed           =      0.20169    g/sq.ft.

Since last printout at time =      36.50
               Change in Total Mass =    -0.49522E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30313E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17121E-02g/sq.ft.
                    Diffusion in from water table =    -0.29369E-02g/sq.ft.
               Total inflow at boundaries =    -0.49522E-02g/sq.ft.
               Mass discrepancy =    -0.65775E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6433    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13770    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14333    g/sq.ft.
                    Diffusion in from water table =     -1.3623    g/sq.ft.
               Total inflow at boundaries =     -1.6433    g/sq.ft.
               Mass discrepancy =    -0.16093E-05g/sq.ft.


Polygon   4
At time =      37.50, total mass in vadose zone =    0.22042    g/sq.ft.
Mass in gas phase     =      0.95733E-02g/sq.ft.
Mass in liquid phase  =      0.13484E-01g/sq.ft.
Mass sorbed           =      0.19736    g/sq.ft.

Since last printout at time =      37.00
               Change in Total Mass =    -0.48422E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29569E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16806E-02g/sq.ft.
                    Diffusion in from water table =    -0.28659E-02g/sq.ft.
               Total inflow at boundaries =    -0.48422E-02g/sq.ft.
               Mass discrepancy =     0.94296E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6482    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13799    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14501    g/sq.ft.
                    Diffusion in from water table =     -1.3652    g/sq.ft.
               Total inflow at boundaries =     -1.6482    g/sq.ft.
               Mass discrepancy =    -0.14305E-05g/sq.ft.


Polygon   4
At time =      38.00, total mass in vadose zone =    0.21568    g/sq.ft.
Mass in gas phase     =      0.93677E-02g/sq.ft.
Mass in liquid phase  =      0.13194E-01g/sq.ft.
Mass sorbed           =      0.19312    g/sq.ft.
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```
Since last printout at time =      37.50
               Change in Total Mass =    -0.47349E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28848E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16495E-02g/sq.ft.
                    Diffusion in from water table =    -0.27970E-02g/sq.ft.
               Total inflow at boundaries =    -0.47349E-02g/sq.ft.
               Mass discrepancy =    -0.14494E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6529    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13828    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14666    g/sq.ft.
                    Diffusion in from water table =     -1.3680    g/sq.ft.
               Total inflow at boundaries =     -1.6529    g/sq.ft.
               Mass discrepancy =    -0.14454E-05g/sq.ft.


Polygon   4
At time =      38.50, total mass in vadose zone =    0.21105    g/sq.ft.
Mass in gas phase     =      0.91666E-02g/sq.ft.
Mass in liquid phase  =      0.12911E-01g/sq.ft.
Mass sorbed           =      0.18897    g/sq.ft.

Since last printout at time =      38.00
               Change in Total Mass =    -0.46303E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28149E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16186E-02g/sq.ft.
                    Diffusion in from water table =    -0.27302E-02g/sq.ft.
               Total inflow at boundaries =    -0.46303E-02g/sq.ft.
               Mass discrepancy =    -0.17113E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6576    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13856    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14828    g/sq.ft.
                    Diffusion in from water table =     -1.3707    g/sq.ft.
               Total inflow at boundaries =     -1.6575    g/sq.ft.
               Mass discrepancy =    -0.16093E-05g/sq.ft.


Polygon   4
At time =      39.00, total mass in vadose zone =    0.20652    g/sq.ft.
Mass in gas phase     =      0.89699E-02g/sq.ft.
Mass in liquid phase  =      0.12634E-01g/sq.ft.
Mass sorbed           =      0.18492    g/sq.ft.

Since last printout at time =      38.50
               Change in Total Mass =    -0.45282E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27471E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.15882E-02g/sq.ft.
                    Diffusion in from water table =    -0.26653E-02g/sq.ft.
               Total inflow at boundaries =    -0.45282E-02g/sq.ft.
               Mass discrepancy =    -0.48894E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6621    g/sq.ft.
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```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13884    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14987    g/sq.ft.
                    Diffusion in from water table =     -1.3734    g/sq.ft.
               Total inflow at boundaries =     -1.6621    g/sq.ft.
               Mass discrepancy =    -0.16093E-05g/sq.ft.


Polygon   4
At time =      39.50, total mass in vadose zone =    0.20209    g/sq.ft.
Mass in gas phase     =      0.87775E-02g/sq.ft.
Mass in liquid phase  =      0.12363E-01g/sq.ft.
Mass sorbed           =      0.18095    g/sq.ft.

Since last printout at time =      39.00
               Change in Total Mass =    -0.44285E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26813E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.15581E-02g/sq.ft.
                    Diffusion in from water table =    -0.26023E-02g/sq.ft.
               Total inflow at boundaries =    -0.44285E-02g/sq.ft.
               Mass discrepancy =     0.30559E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6665    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13911    g/sq.ft.
                    Diffusion in from atmosphere =     -0.15142    g/sq.ft.
                    Diffusion in from water table =     -1.3760    g/sq.ft.
               Total inflow at boundaries =     -1.6665    g/sq.ft.
               Mass discrepancy =    -0.16540E-05g/sq.ft.


Polygon   4
At time =      40.00, total mass in vadose zone =    0.19776    g/sq.ft.
Mass in gas phase     =      0.85894E-02g/sq.ft.
Mass in liquid phase  =      0.12098E-01g/sq.ft.
Mass sorbed           =      0.17708    g/sq.ft.

Since last printout at time =      39.50
               Change in Total Mass =    -0.43312E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26175E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.15284E-02g/sq.ft.
                    Diffusion in from water table =    -0.25411E-02g/sq.ft.
               Total inflow at boundaries =    -0.43312E-02g/sq.ft.
               Mass discrepancy =    -0.21886E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6708    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13937    g/sq.ft.
                    Diffusion in from atmosphere =     -0.15295    g/sq.ft.
                    Diffusion in from water table =     -1.3785    g/sq.ft.
               Total inflow at boundaries =     -1.6708    g/sq.ft.
               Mass discrepancy =    -0.17881E-05g/sq.ft.


Polygon   4
At time =      40.50, total mass in vadose zone =    0.19353    g/sq.ft.
Mass in gas phase     =      0.84054E-02g/sq.ft.
Mass in liquid phase  =      0.11839E-01g/sq.ft.
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Mass sorbed           =      0.17328    g/sq.ft.

Since last printout at time =      40.00
               Change in Total Mass =    -0.42363E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25555E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.14991E-02g/sq.ft.
                    Diffusion in from water table =    -0.24816E-02g/sq.ft.
               Total inflow at boundaries =    -0.42362E-02g/sq.ft.
               Mass discrepancy =    -0.17812E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6751    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13962    g/sq.ft.
                    Diffusion in from atmosphere =     -0.15445    g/sq.ft.
                    Diffusion in from water table =     -1.3810    g/sq.ft.
               Total inflow at boundaries =     -1.6751    g/sq.ft.
               Mass discrepancy =    -0.18030E-05g/sq.ft.


Polygon   4
At time =      41.00, total mass in vadose zone =    0.18938    g/sq.ft.
Mass in gas phase     =      0.82255E-02g/sq.ft.
Mass in liquid phase  =      0.11585E-01g/sq.ft.
Mass sorbed           =      0.16957    g/sq.ft.

Since last printout at time =      40.50
               Change in Total Mass =    -0.41435E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24953E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.14702E-02g/sq.ft.
                    Diffusion in from water table =    -0.24238E-02g/sq.ft.
               Total inflow at boundaries =    -0.41435E-02g/sq.ft.
               Mass discrepancy =    -0.70431E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6792    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13987    g/sq.ft.
                    Diffusion in from atmosphere =     -0.15592    g/sq.ft.
                    Diffusion in from water table =     -1.3834    g/sq.ft.
               Total inflow at boundaries =     -1.6792    g/sq.ft.
               Mass discrepancy =    -0.17583E-05g/sq.ft.


Polygon   4
At time =      41.50, total mass in vadose zone =    0.18533    g/sq.ft.
Mass in gas phase     =      0.80494E-02g/sq.ft.
Mass in liquid phase  =      0.11337E-01g/sq.ft.
Mass sorbed           =      0.16594    g/sq.ft.

Since last printout at time =      41.00
               Change in Total Mass =    -0.40529E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24368E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.14417E-02g/sq.ft.
                    Diffusion in from water table =    -0.23675E-02g/sq.ft.
               Total inflow at boundaries =    -0.40529E-02g/sq.ft.
               Mass discrepancy =     0.50350E-08g/sq.ft.

Since beginning of run at time = 0.0
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               Change in Total Mass =     -1.6833    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14012    g/sq.ft.
                    Diffusion in from atmosphere =     -0.15736    g/sq.ft.
                    Diffusion in from water table =     -1.3858    g/sq.ft.
               Total inflow at boundaries =     -1.6833    g/sq.ft.
               Mass discrepancy =    -0.17434E-05g/sq.ft.


Polygon   4
At time =      42.00, total mass in vadose zone =    0.18137    g/sq.ft.
Mass in gas phase     =      0.78772E-02g/sq.ft.
Mass in liquid phase  =      0.11095E-01g/sq.ft.
Mass sorbed           =      0.16239    g/sq.ft.

Since last printout at time =      41.50
               Change in Total Mass =    -0.39645E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23800E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.14136E-02g/sq.ft.
                    Diffusion in from water table =    -0.23129E-02g/sq.ft.
               Total inflow at boundaries =    -0.39645E-02g/sq.ft.
               Mass discrepancy =     0.82946E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6872    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14035    g/sq.ft.
                    Diffusion in from atmosphere =     -0.15878    g/sq.ft.
                    Diffusion in from water table =     -1.3881    g/sq.ft.
               Total inflow at boundaries =     -1.6872    g/sq.ft.
               Mass discrepancy =    -0.18328E-05g/sq.ft.


Polygon   4
At time =      42.50, total mass in vadose zone =    0.17749    g/sq.ft.
Mass in gas phase     =      0.77088E-02g/sq.ft.
Mass in liquid phase  =      0.10857E-01g/sq.ft.
Mass sorbed           =      0.15892    g/sq.ft.

Since last printout at time =      42.00
               Change in Total Mass =    -0.38781E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23247E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.13860E-02g/sq.ft.
                    Diffusion in from water table =    -0.22597E-02g/sq.ft.
               Total inflow at boundaries =    -0.38781E-02g/sq.ft.
               Mass discrepancy =    -0.42346E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6911    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14059    g/sq.ft.
                    Diffusion in from atmosphere =     -0.16016    g/sq.ft.
                    Diffusion in from water table =     -1.3904    g/sq.ft.
               Total inflow at boundaries =     -1.6911    g/sq.ft.
               Mass discrepancy =    -0.17583E-05g/sq.ft.


Polygon   4
At time =      43.00, total mass in vadose zone =    0.17369    g/sq.ft.
Mass in gas phase     =      0.75440E-02g/sq.ft.
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Mass in liquid phase  =      0.10625E-01g/sq.ft.
Mass sorbed           =      0.15552    g/sq.ft.

Since last printout at time =      42.50
               Change in Total Mass =    -0.37937E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22710E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.13587E-02g/sq.ft.
                    Diffusion in from water table =    -0.22079E-02g/sq.ft.
               Total inflow at boundaries =    -0.37937E-02g/sq.ft.
               Mass discrepancy =    -0.78580E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6949    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14081    g/sq.ft.
                    Diffusion in from atmosphere =     -0.16152    g/sq.ft.
                    Diffusion in from water table =     -1.3926    g/sq.ft.
               Total inflow at boundaries =     -1.6949    g/sq.ft.
               Mass discrepancy =    -0.17881E-05g/sq.ft.


Polygon   4
At time =      43.50, total mass in vadose zone =    0.16998    g/sq.ft.
Mass in gas phase     =      0.73828E-02g/sq.ft.
Mass in liquid phase  =      0.10398E-01g/sq.ft.
Mass sorbed           =      0.15220    g/sq.ft.

Since last printout at time =      43.00
               Change in Total Mass =    -0.37113E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22187E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.13319E-02g/sq.ft.
                    Diffusion in from water table =    -0.21575E-02g/sq.ft.
               Total inflow at boundaries =    -0.37113E-02g/sq.ft.
               Mass discrepancy =    -0.51659E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.6986    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14104    g/sq.ft.
                    Diffusion in from atmosphere =     -0.16285    g/sq.ft.
                    Diffusion in from water table =     -1.3947    g/sq.ft.
               Total inflow at boundaries =     -1.6986    g/sq.ft.
               Mass discrepancy =    -0.18179E-05g/sq.ft.


Polygon   4
At time =      44.00, total mass in vadose zone =    0.16635    g/sq.ft.
Mass in gas phase     =      0.72251E-02g/sq.ft.
Mass in liquid phase  =      0.10176E-01g/sq.ft.
Mass sorbed           =      0.14895    g/sq.ft.

Since last printout at time =      43.50
               Change in Total Mass =    -0.36307E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21678E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.13055E-02g/sq.ft.
                    Diffusion in from water table =    -0.21084E-02g/sq.ft.
               Total inflow at boundaries =    -0.36307E-02g/sq.ft.
               Mass discrepancy =    -0.39436E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7022    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14125    g/sq.ft.
                    Diffusion in from atmosphere =     -0.16416    g/sq.ft.
                    Diffusion in from water table =     -1.3968    g/sq.ft.
               Total inflow at boundaries =     -1.7022    g/sq.ft.
               Mass discrepancy =    -0.17732E-05g/sq.ft.


Polygon   4
At time =      44.50, total mass in vadose zone =    0.16280    g/sq.ft.
Mass in gas phase     =      0.70709E-02g/sq.ft.
Mass in liquid phase  =      0.99590E-02g/sq.ft.
Mass sorbed           =      0.14577    g/sq.ft.

Since last printout at time =      44.00
               Change in Total Mass =    -0.35520E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21182E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.12796E-02g/sq.ft.
                    Diffusion in from water table =    -0.20606E-02g/sq.ft.
               Total inflow at boundaries =    -0.35520E-02g/sq.ft.
               Mass discrepancy =     0.40600E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7058    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14146    g/sq.ft.
                    Diffusion in from atmosphere =     -0.16544    g/sq.ft.
                    Diffusion in from water table =     -1.3989    g/sq.ft.
               Total inflow at boundaries =     -1.7058    g/sq.ft.
               Mass discrepancy =    -0.18328E-05g/sq.ft.


Polygon   4
At time =      45.00, total mass in vadose zone =    0.15932    g/sq.ft.
Mass in gas phase     =      0.69199E-02g/sq.ft.
Mass in liquid phase  =      0.97464E-02g/sq.ft.
Mass sorbed           =      0.14266    g/sq.ft.

Since last printout at time =      44.50
               Change in Total Mass =    -0.34751E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20700E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.12541E-02g/sq.ft.
                    Diffusion in from water table =    -0.20140E-02g/sq.ft.
               Total inflow at boundaries =    -0.34751E-02g/sq.ft.
               Mass discrepancy =    -0.29278E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7093    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14167    g/sq.ft.
                    Diffusion in from atmosphere =     -0.16669    g/sq.ft.
                    Diffusion in from water table =     -1.4009    g/sq.ft.
               Total inflow at boundaries =     -1.7093    g/sq.ft.
               Mass discrepancy =    -0.18775E-05g/sq.ft.


Polygon   4
At time =      45.50, total mass in vadose zone =    0.15592    g/sq.ft.
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Mass in gas phase     =      0.67723E-02g/sq.ft.
Mass in liquid phase  =      0.95384E-02g/sq.ft.
Mass sorbed           =      0.13961    g/sq.ft.

Since last printout at time =      45.00
               Change in Total Mass =    -0.33999E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20230E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.12290E-02g/sq.ft.
                    Diffusion in from water table =    -0.19687E-02g/sq.ft.
               Total inflow at boundaries =    -0.33999E-02g/sq.ft.
               Mass discrepancy =     0.27489E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7127    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14187    g/sq.ft.
                    Diffusion in from atmosphere =     -0.16792    g/sq.ft.
                    Diffusion in from water table =     -1.4029    g/sq.ft.
               Total inflow at boundaries =     -1.7127    g/sq.ft.
               Mass discrepancy =    -0.17434E-05g/sq.ft.


Polygon   4
At time =      46.00, total mass in vadose zone =    0.15260    g/sq.ft.
Mass in gas phase     =      0.66278E-02g/sq.ft.
Mass in liquid phase  =      0.93349E-02g/sq.ft.
Mass sorbed           =      0.13664    g/sq.ft.

Since last printout at time =      45.50
               Change in Total Mass =    -0.33264E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19773E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.12043E-02g/sq.ft.
                    Diffusion in from water table =    -0.19244E-02g/sq.ft.
               Total inflow at boundaries =    -0.33264E-02g/sq.ft.
               Mass discrepancy =    -0.19762E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7160    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14207    g/sq.ft.
                    Diffusion in from atmosphere =     -0.16913    g/sq.ft.
                    Diffusion in from water table =     -1.4048    g/sq.ft.
               Total inflow at boundaries =     -1.7160    g/sq.ft.
               Mass discrepancy =    -0.18328E-05g/sq.ft.


Polygon   4
At time =      46.50, total mass in vadose zone =    0.14934    g/sq.ft.
Mass in gas phase     =      0.64864E-02g/sq.ft.
Mass in liquid phase  =      0.91358E-02g/sq.ft.
Mass sorbed           =      0.13372    g/sq.ft.

Since last printout at time =      46.00
               Change in Total Mass =    -0.32546E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19327E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.11800E-02g/sq.ft.
                    Diffusion in from water table =    -0.18813E-02g/sq.ft.
               Total inflow at boundaries =    -0.32546E-02g/sq.ft.
               Mass discrepancy =     0.92550E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7193    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14226    g/sq.ft.
                    Diffusion in from atmosphere =     -0.17031    g/sq.ft.
                    Diffusion in from water table =     -1.4067    g/sq.ft.
               Total inflow at boundaries =     -1.7193    g/sq.ft.
               Mass discrepancy =    -0.18775E-05g/sq.ft.


Polygon   4
At time =      47.00, total mass in vadose zone =    0.14616    g/sq.ft.
Mass in gas phase     =      0.63481E-02g/sq.ft.
Mass in liquid phase  =      0.89410E-02g/sq.ft.
Mass sorbed           =      0.13087    g/sq.ft.

Since last printout at time =      46.50
               Change in Total Mass =    -0.31844E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18892E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.11562E-02g/sq.ft.
                    Diffusion in from water table =    -0.18393E-02g/sq.ft.
               Total inflow at boundaries =    -0.31844E-02g/sq.ft.
               Mass discrepancy =    -0.33106E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7224    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14245    g/sq.ft.
                    Diffusion in from atmosphere =     -0.17146    g/sq.ft.
                    Diffusion in from water table =     -1.4085    g/sq.ft.
               Total inflow at boundaries =     -1.7224    g/sq.ft.
               Mass discrepancy =    -0.17732E-05g/sq.ft.


Polygon   4
At time =      47.50, total mass in vadose zone =    0.14304    g/sq.ft.
Mass in gas phase     =      0.62128E-02g/sq.ft.
Mass in liquid phase  =      0.87504E-02g/sq.ft.
Mass sorbed           =      0.12808    g/sq.ft.

Since last printout at time =      47.00
               Change in Total Mass =    -0.31158E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18469E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.11328E-02g/sq.ft.
                    Diffusion in from water table =    -0.17983E-02g/sq.ft.
               Total inflow at boundaries =    -0.31158E-02g/sq.ft.
               Mass discrepancy =    -0.74797E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7256    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14264    g/sq.ft.
                    Diffusion in from atmosphere =     -0.17259    g/sq.ft.
                    Diffusion in from water table =     -1.4103    g/sq.ft.
               Total inflow at boundaries =     -1.7256    g/sq.ft.
               Mass discrepancy =    -0.17732E-05g/sq.ft.


Polygon   4
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```
At time =      48.00, total mass in vadose zone =    0.14000    g/sq.ft.
Mass in gas phase     =      0.60804E-02g/sq.ft.
Mass in liquid phase  =      0.85639E-02g/sq.ft.
Mass sorbed           =      0.12535    g/sq.ft.

Since last printout at time =      47.50
               Change in Total Mass =    -0.30486E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18056E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.11098E-02g/sq.ft.
                    Diffusion in from water table =    -0.17583E-02g/sq.ft.
               Total inflow at boundaries =    -0.30486E-02g/sq.ft.
               Mass discrepancy =     0.90222E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7286    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14282    g/sq.ft.
                    Diffusion in from atmosphere =     -0.17370    g/sq.ft.
                    Diffusion in from water table =     -1.4121    g/sq.ft.
               Total inflow at boundaries =     -1.7286    g/sq.ft.
               Mass discrepancy =    -0.17285E-05g/sq.ft.


Polygon   4
At time =      48.50, total mass in vadose zone =    0.13701    g/sq.ft.
Mass in gas phase     =      0.59508E-02g/sq.ft.
Mass in liquid phase  =      0.83815E-02g/sq.ft.
Mass sorbed           =      0.12268    g/sq.ft.

Since last printout at time =      48.00
               Change in Total Mass =    -0.29830E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17653E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.10872E-02g/sq.ft.
                    Diffusion in from water table =    -0.17193E-02g/sq.ft.
               Total inflow at boundaries =    -0.29830E-02g/sq.ft.
               Mass discrepancy =     0.14392E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7316    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14300    g/sq.ft.
                    Diffusion in from atmosphere =     -0.17479    g/sq.ft.
                    Diffusion in from water table =     -1.4138    g/sq.ft.
               Total inflow at boundaries =     -1.7316    g/sq.ft.
               Mass discrepancy =    -0.15944E-05g/sq.ft.


Polygon   4
At time =      49.00, total mass in vadose zone =    0.13409    g/sq.ft.
Mass in gas phase     =      0.58241E-02g/sq.ft.
Mass in liquid phase  =      0.82029E-02g/sq.ft.
Mass sorbed           =      0.12007    g/sq.ft.

Since last printout at time =      48.50
               Change in Total Mass =    -0.29189E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17260E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.10650E-02g/sq.ft.
                    Diffusion in from water table =    -0.16812E-02g/sq.ft.
               Total inflow at boundaries =    -0.29189E-02g/sq.ft.
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               Mass discrepancy =    -0.34343E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7345    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14317    g/sq.ft.
                    Diffusion in from atmosphere =     -0.17586    g/sq.ft.
                    Diffusion in from water table =     -1.4155    g/sq.ft.
               Total inflow at boundaries =     -1.7345    g/sq.ft.
               Mass discrepancy =    -0.16540E-05g/sq.ft.


Polygon   4
At time =      49.50, total mass in vadose zone =    0.13124    g/sq.ft.
Mass in gas phase     =      0.57000E-02g/sq.ft.
Mass in liquid phase  =      0.80282E-02g/sq.ft.
Mass sorbed           =      0.11751    g/sq.ft.

Since last printout at time =      49.00
               Change in Total Mass =    -0.28562E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16877E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.10433E-02g/sq.ft.
                    Diffusion in from water table =    -0.16441E-02g/sq.ft.
               Total inflow at boundaries =    -0.28561E-02g/sq.ft.
               Mass discrepancy =    -0.21682E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7374    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14334    g/sq.ft.
                    Diffusion in from atmosphere =     -0.17690    g/sq.ft.
                    Diffusion in from water table =     -1.4171    g/sq.ft.
               Total inflow at boundaries =     -1.7374    g/sq.ft.
               Mass discrepancy =    -0.16093E-05g/sq.ft.


Polygon   4
At time =      50.00, total mass in vadose zone =    0.12844    g/sq.ft.
Mass in gas phase     =      0.55786E-02g/sq.ft.
Mass in liquid phase  =      0.78572E-02g/sq.ft.
Mass sorbed           =      0.11501    g/sq.ft.

Since last printout at time =      49.50
               Change in Total Mass =    -0.27948E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16503E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.10219E-02g/sq.ft.
                    Diffusion in from water table =    -0.16078E-02g/sq.ft.
               Total inflow at boundaries =    -0.27948E-02g/sq.ft.
               Mass discrepancy =     0.21100E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7402    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14350    g/sq.ft.
                    Diffusion in from atmosphere =     -0.17792    g/sq.ft.
                    Diffusion in from water table =     -1.4187    g/sq.ft.
               Total inflow at boundaries =     -1.7402    g/sq.ft.
               Mass discrepancy =    -0.19372E-05g/sq.ft.
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```
Polygon   4
At time =      50.50, total mass in vadose zone =    0.12571    g/sq.ft.
Mass in gas phase     =      0.54598E-02g/sq.ft.
Mass in liquid phase  =      0.76899E-02g/sq.ft.
Mass sorbed           =      0.11256    g/sq.ft.

Since last printout at time =      50.00
               Change in Total Mass =    -0.27348E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16139E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.10010E-02g/sq.ft.
                    Diffusion in from water table =    -0.15725E-02g/sq.ft.
               Total inflow at boundaries =    -0.27348E-02g/sq.ft.
               Mass discrepancy =    -0.10681E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7429    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14366    g/sq.ft.
                    Diffusion in from atmosphere =     -0.17892    g/sq.ft.
                    Diffusion in from water table =     -1.4203    g/sq.ft.
               Total inflow at boundaries =     -1.7429    g/sq.ft.
               Mass discrepancy =    -0.19372E-05g/sq.ft.


Polygon   4
At time =      51.00, total mass in vadose zone =    0.12303    g/sq.ft.
Mass in gas phase     =      0.53436E-02g/sq.ft.
Mass in liquid phase  =      0.75262E-02g/sq.ft.
Mass sorbed           =      0.11016    g/sq.ft.

Since last printout at time =      50.50
               Change in Total Mass =    -0.26762E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15783E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.98040E-03g/sq.ft.
                    Diffusion in from water table =    -0.15379E-02g/sq.ft.
               Total inflow at boundaries =    -0.26761E-02g/sq.ft.
               Mass discrepancy =    -0.52532E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7456    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14382    g/sq.ft.
                    Diffusion in from atmosphere =     -0.17990    g/sq.ft.
                    Diffusion in from water table =     -1.4218    g/sq.ft.
               Total inflow at boundaries =     -1.7456    g/sq.ft.
               Mass discrepancy =    -0.19446E-05g/sq.ft.


Polygon   4
At time =      51.50, total mass in vadose zone =    0.12041    g/sq.ft.
Mass in gas phase     =      0.52299E-02g/sq.ft.
Mass in liquid phase  =      0.73660E-02g/sq.ft.
Mass sorbed           =      0.10782    g/sq.ft.

Since last printout at time =      51.00
               Change in Total Mass =    -0.26188E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15435E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.96022E-03g/sq.ft.
                    Diffusion in from water table =    -0.15042E-02g/sq.ft.
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               Total inflow at boundaries =    -0.26188E-02g/sq.ft.
               Mass discrepancy =    -0.14174E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7482    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14398    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18086    g/sq.ft.
                    Diffusion in from water table =     -1.4233    g/sq.ft.
               Total inflow at boundaries =     -1.7482    g/sq.ft.
               Mass discrepancy =    -0.19819E-05g/sq.ft.


Polygon   4
At time =      52.00, total mass in vadose zone =    0.11785    g/sq.ft.
Mass in gas phase     =      0.51186E-02g/sq.ft.
Mass in liquid phase  =      0.72092E-02g/sq.ft.
Mass sorbed           =      0.10552    g/sq.ft.

Since last printout at time =      51.50
               Change in Total Mass =    -0.25626E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15096E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.94042E-03g/sq.ft.
                    Diffusion in from water table =    -0.14713E-02g/sq.ft.
               Total inflow at boundaries =    -0.25626E-02g/sq.ft.
               Mass discrepancy =     0.72177E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7508    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14413    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18180    g/sq.ft.
                    Diffusion in from water table =     -1.4248    g/sq.ft.
               Total inflow at boundaries =     -1.7507    g/sq.ft.
               Mass discrepancy =    -0.18626E-05g/sq.ft.


Polygon   4
At time =      52.50, total mass in vadose zone =    0.11534    g/sq.ft.
Mass in gas phase     =      0.50096E-02g/sq.ft.
Mass in liquid phase  =      0.70558E-02g/sq.ft.
Mass sorbed           =      0.10328    g/sq.ft.

Since last printout at time =      52.00
               Change in Total Mass =    -0.25078E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14765E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.92100E-03g/sq.ft.
                    Diffusion in from water table =    -0.14391E-02g/sq.ft.
               Total inflow at boundaries =    -0.25078E-02g/sq.ft.
               Mass discrepancy =    -0.84110E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7533    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14427    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18273    g/sq.ft.
                    Diffusion in from water table =     -1.4263    g/sq.ft.
               Total inflow at boundaries =     -1.7533    g/sq.ft.
               Mass discrepancy =    -0.17658E-05g/sq.ft.
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Polygon   4
At time =      53.00, total mass in vadose zone =    0.11289    g/sq.ft.
Mass in gas phase     =      0.49031E-02g/sq.ft.
Mass in liquid phase  =      0.69057E-02g/sq.ft.
Mass sorbed           =      0.10108    g/sq.ft.

Since last printout at time =      52.50
               Change in Total Mass =    -0.24541E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14441E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.90196E-03g/sq.ft.
                    Diffusion in from water table =    -0.14077E-02g/sq.ft.
               Total inflow at boundaries =    -0.24541E-02g/sq.ft.
               Mass discrepancy =     0.69704E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7557    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14442    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18363    g/sq.ft.
                    Diffusion in from water table =     -1.4277    g/sq.ft.
               Total inflow at boundaries =     -1.7557    g/sq.ft.
               Mass discrepancy =    -0.16987E-05g/sq.ft.


Polygon   4
At time =      53.50, total mass in vadose zone =    0.11049    g/sq.ft.
Mass in gas phase     =      0.47987E-02g/sq.ft.
Mass in liquid phase  =      0.67588E-02g/sq.ft.
Mass sorbed           =      0.98929E-01g/sq.ft.

Since last printout at time =      53.00
               Change in Total Mass =    -0.24016E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14126E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.88329E-03g/sq.ft.
                    Diffusion in from water table =    -0.13770E-02g/sq.ft.
               Total inflow at boundaries =    -0.24016E-02g/sq.ft.
               Mass discrepancy =     0.30559E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7581    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14456    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18451    g/sq.ft.
                    Diffusion in from water table =     -1.4290    g/sq.ft.
               Total inflow at boundaries =     -1.7581    g/sq.ft.
               Mass discrepancy =    -0.17062E-05g/sq.ft.


Polygon   4
At time =      54.00, total mass in vadose zone =    0.10814    g/sq.ft.
Mass in gas phase     =      0.46967E-02g/sq.ft.
Mass in liquid phase  =      0.66150E-02g/sq.ft.
Mass sorbed           =      0.96824E-01g/sq.ft.

Since last printout at time =      53.50
               Change in Total Mass =    -0.23502E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13817E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.86498E-03g/sq.ft.
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                    Diffusion in from water table =    -0.13470E-02g/sq.ft.
               Total inflow at boundaries =    -0.23502E-02g/sq.ft.
               Mass discrepancy =    -0.25335E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7605    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14470    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18538    g/sq.ft.
                    Diffusion in from water table =     -1.4304    g/sq.ft.
               Total inflow at boundaries =     -1.7605    g/sq.ft.
               Mass discrepancy =    -0.17509E-05g/sq.ft.


Polygon   4
At time =      54.50, total mass in vadose zone =    0.10584    g/sq.ft.
Mass in gas phase     =      0.45968E-02g/sq.ft.
Mass in liquid phase  =      0.64743E-02g/sq.ft.
Mass sorbed           =      0.94765E-01g/sq.ft.

Since last printout at time =      54.00
               Change in Total Mass =    -0.22999E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13516E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.84702E-03g/sq.ft.
                    Diffusion in from water table =    -0.13178E-02g/sq.ft.
               Total inflow at boundaries =    -0.22999E-02g/sq.ft.
               Mass discrepancy =     0.71595E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7628    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14483    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18622    g/sq.ft.
                    Diffusion in from water table =     -1.4317    g/sq.ft.
               Total inflow at boundaries =     -1.7628    g/sq.ft.
               Mass discrepancy =    -0.17732E-05g/sq.ft.


Polygon   4
At time =      55.00, total mass in vadose zone =    0.10359    g/sq.ft.
Mass in gas phase     =      0.44990E-02g/sq.ft.
Mass in liquid phase  =      0.63366E-02g/sq.ft.
Mass sorbed           =      0.92750E-01g/sq.ft.

Since last printout at time =      54.50
               Change in Total Mass =    -0.22508E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13221E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.82942E-03g/sq.ft.
                    Diffusion in from water table =    -0.12891E-02g/sq.ft.
               Total inflow at boundaries =    -0.22508E-02g/sq.ft.
               Mass discrepancy =     0.73924E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7650    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14497    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18705    g/sq.ft.
                    Diffusion in from water table =     -1.4330    g/sq.ft.
               Total inflow at boundaries =     -1.7650    g/sq.ft.
               Mass discrepancy =    -0.17956E-05g/sq.ft.
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Polygon   4
At time =      55.50, total mass in vadose zone =    0.10138    g/sq.ft.
Mass in gas phase     =      0.44033E-02g/sq.ft.
Mass in liquid phase  =      0.62019E-02g/sq.ft.
Mass sorbed           =      0.90777E-01g/sq.ft.

Since last printout at time =      55.00
               Change in Total Mass =    -0.22027E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12934E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.81217E-03g/sq.ft.
                    Diffusion in from water table =    -0.12612E-02g/sq.ft.
               Total inflow at boundaries =    -0.22027E-02g/sq.ft.
               Mass discrepancy =    -0.45839E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7672    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14509    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18786    g/sq.ft.
                    Diffusion in from water table =     -1.4343    g/sq.ft.
               Total inflow at boundaries =     -1.7672    g/sq.ft.
               Mass discrepancy =    -0.18552E-05g/sq.ft.


Polygon   4
At time =      56.00, total mass in vadose zone =    0.99227E-01g/sq.ft.
Mass in gas phase     =      0.43097E-02g/sq.ft.
Mass in liquid phase  =      0.60700E-02g/sq.ft.
Mass sorbed           =      0.88847E-01g/sq.ft.

Since last printout at time =      55.50
               Change in Total Mass =    -0.21556E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12653E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.79525E-03g/sq.ft.
                    Diffusion in from water table =    -0.12339E-02g/sq.ft.
               Total inflow at boundaries =    -0.21556E-02g/sq.ft.
               Mass discrepancy =    -0.86438E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7694    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14522    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18866    g/sq.ft.
                    Diffusion in from water table =     -1.4355    g/sq.ft.
               Total inflow at boundaries =     -1.7694    g/sq.ft.
               Mass discrepancy =    -0.18850E-05g/sq.ft.


Polygon   4
At time =      56.50, total mass in vadose zone =    0.97117E-01g/sq.ft.
Mass in gas phase     =      0.42181E-02g/sq.ft.
Mass in liquid phase  =      0.59410E-02g/sq.ft.
Mass sorbed           =      0.86958E-01g/sq.ft.

Since last printout at time =      56.00
               Change in Total Mass =    -0.21096E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12378E-03g/sq.ft.
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                    Diffusion in from atmosphere =     -0.77868E-03g/sq.ft.
                    Diffusion in from water table =    -0.12071E-02g/sq.ft.
               Total inflow at boundaries =    -0.21096E-02g/sq.ft.
               Mass discrepancy =     0.12224E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7715    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14535    g/sq.ft.
                    Diffusion in from atmosphere =     -0.18944    g/sq.ft.
                    Diffusion in from water table =     -1.4367    g/sq.ft.
               Total inflow at boundaries =     -1.7715    g/sq.ft.
               Mass discrepancy =    -0.18179E-05g/sq.ft.


Polygon   4
At time =      57.00, total mass in vadose zone =    0.95053E-01g/sq.ft.
Mass in gas phase     =      0.41284E-02g/sq.ft.
Mass in liquid phase  =      0.58147E-02g/sq.ft.
Mass sorbed           =      0.85110E-01g/sq.ft.

Since last printout at time =      56.50
               Change in Total Mass =    -0.20646E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12110E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.76243E-03g/sq.ft.
                    Diffusion in from water table =    -0.11810E-02g/sq.ft.
               Total inflow at boundaries =    -0.20646E-02g/sq.ft.
               Mass discrepancy =    -0.54715E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7735    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14547    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19020    g/sq.ft.
                    Diffusion in from water table =     -1.4379    g/sq.ft.
               Total inflow at boundaries =     -1.7735    g/sq.ft.
               Mass discrepancy =    -0.18626E-05g/sq.ft.


Polygon   4
At time =      57.50, total mass in vadose zone =    0.93032E-01g/sq.ft.
Mass in gas phase     =      0.40407E-02g/sq.ft.
Mass in liquid phase  =      0.56911E-02g/sq.ft.
Mass sorbed           =      0.83301E-01g/sq.ft.

Since last printout at time =      57.00
               Change in Total Mass =    -0.20205E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11848E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.74651E-03g/sq.ft.
                    Diffusion in from water table =    -0.11555E-02g/sq.ft.
               Total inflow at boundaries =    -0.20205E-02g/sq.ft.
               Mass discrepancy =     0.79308E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7756    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14558    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19095    g/sq.ft.
                    Diffusion in from water table =     -1.4390    g/sq.ft.
               Total inflow at boundaries =     -1.7756    g/sq.ft.
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               Mass discrepancy =    -0.19148E-05g/sq.ft.


Polygon   4
At time =      58.00, total mass in vadose zone =    0.91055E-01g/sq.ft.
Mass in gas phase     =      0.39548E-02g/sq.ft.
Mass in liquid phase  =      0.55701E-02g/sq.ft.
Mass sorbed           =      0.81530E-01g/sq.ft.

Since last printout at time =      57.50
               Change in Total Mass =    -0.19774E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11592E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.73091E-03g/sq.ft.
                    Diffusion in from water table =    -0.11306E-02g/sq.ft.
               Total inflow at boundaries =    -0.19774E-02g/sq.ft.
               Mass discrepancy =    -0.26412E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7775    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14570    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19168    g/sq.ft.
                    Diffusion in from water table =     -1.4402    g/sq.ft.
               Total inflow at boundaries =     -1.7775    g/sq.ft.
               Mass discrepancy =    -0.20415E-05g/sq.ft.


Polygon   4
At time =      58.50, total mass in vadose zone =    0.89120E-01g/sq.ft.
Mass in gas phase     =      0.38707E-02g/sq.ft.
Mass in liquid phase  =      0.54517E-02g/sq.ft.
Mass sorbed           =      0.79797E-01g/sq.ft.

Since last printout at time =      58.00
               Change in Total Mass =    -0.19353E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11341E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.71562E-03g/sq.ft.
                    Diffusion in from water table =    -0.11062E-02g/sq.ft.
               Total inflow at boundaries =    -0.19352E-02g/sq.ft.
               Mass discrepancy =    -0.13817E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7795    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14581    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19239    g/sq.ft.
                    Diffusion in from water table =     -1.4413    g/sq.ft.
               Total inflow at boundaries =     -1.7795    g/sq.ft.
               Mass discrepancy =    -0.19968E-05g/sq.ft.


Polygon   4
At time =      59.00, total mass in vadose zone =    0.87226E-01g/sq.ft.
Mass in gas phase     =      0.37885E-02g/sq.ft.
Mass in liquid phase  =      0.53359E-02g/sq.ft.
Mass sorbed           =      0.78101E-01g/sq.ft.

Since last printout at time =      58.50
               Change in Total Mass =    -0.18940E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.11096E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.70064E-03g/sq.ft.
                    Diffusion in from water table =    -0.10824E-02g/sq.ft.
               Total inflow at boundaries =    -0.18940E-02g/sq.ft.
               Mass discrepancy =     0.54788E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7814    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14592    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19309    g/sq.ft.
                    Diffusion in from water table =     -1.4424    g/sq.ft.
               Total inflow at boundaries =     -1.7814    g/sq.ft.
               Mass discrepancy =    -0.19446E-05g/sq.ft.


Polygon   4
At time =      59.50, total mass in vadose zone =    0.85372E-01g/sq.ft.
Mass in gas phase     =      0.37080E-02g/sq.ft.
Mass in liquid phase  =      0.52225E-02g/sq.ft.
Mass sorbed           =      0.76442E-01g/sq.ft.

Since last printout at time =      59.00
               Change in Total Mass =    -0.18536E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10857E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.68596E-03g/sq.ft.
                    Diffusion in from water table =    -0.10591E-02g/sq.ft.
               Total inflow at boundaries =    -0.18536E-02g/sq.ft.
               Mass discrepancy =    -0.97789E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7832    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14603    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19378    g/sq.ft.
                    Diffusion in from water table =     -1.4434    g/sq.ft.
               Total inflow at boundaries =     -1.7832    g/sq.ft.
               Mass discrepancy =    -0.19744E-05g/sq.ft.


Polygon   4
At time =      60.00, total mass in vadose zone =    0.83558E-01g/sq.ft.
Mass in gas phase     =      0.36292E-02g/sq.ft.
Mass in liquid phase  =      0.51115E-02g/sq.ft.
Mass sorbed           =      0.74817E-01g/sq.ft.

Since last printout at time =      59.50
               Change in Total Mass =    -0.18141E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10623E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.67158E-03g/sq.ft.
                    Diffusion in from water table =    -0.10363E-02g/sq.ft.
               Total inflow at boundaries =    -0.18141E-02g/sq.ft.
               Mass discrepancy =    -0.49258E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7850    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14614    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19445    g/sq.ft.
                    Diffusion in from water table =     -1.4444    g/sq.ft.
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               Total inflow at boundaries =     -1.7850    g/sq.ft.
               Mass discrepancy =    -0.19670E-05g/sq.ft.


Polygon   4
At time =      60.50, total mass in vadose zone =    0.81783E-01g/sq.ft.
Mass in gas phase     =      0.35521E-02g/sq.ft.
Mass in liquid phase  =      0.50029E-02g/sq.ft.
Mass sorbed           =      0.73228E-01g/sq.ft.

Since last printout at time =      60.00
               Change in Total Mass =    -0.17755E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10394E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.65750E-03g/sq.ft.
                    Diffusion in from water table =    -0.10140E-02g/sq.ft.
               Total inflow at boundaries =    -0.17754E-02g/sq.ft.
               Mass discrepancy =    -0.66138E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7868    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14624    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19511    g/sq.ft.
                    Diffusion in from water table =     -1.4455    g/sq.ft.
               Total inflow at boundaries =     -1.7868    g/sq.ft.
               Mass discrepancy =    -0.19893E-05g/sq.ft.


Polygon   4
At time =      61.00, total mass in vadose zone =    0.80045E-01g/sq.ft.
Mass in gas phase     =      0.34766E-02g/sq.ft.
Mass in liquid phase  =      0.48966E-02g/sq.ft.
Mass sorbed           =      0.71672E-01g/sq.ft.

Since last printout at time =      60.50
               Change in Total Mass =    -0.17376E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10171E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.64370E-03g/sq.ft.
                    Diffusion in from water table =    -0.99221E-03g/sq.ft.
               Total inflow at boundaries =    -0.17376E-02g/sq.ft.
               Mass discrepancy =    -0.40527E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7886    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14635    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19575    g/sq.ft.
                    Diffusion in from water table =     -1.4465    g/sq.ft.
               Total inflow at boundaries =     -1.7886    g/sq.ft.
               Mass discrepancy =    -0.20340E-05g/sq.ft.


Polygon   4
At time =      61.50, total mass in vadose zone =    0.78344E-01g/sq.ft.
Mass in gas phase     =      0.34027E-02g/sq.ft.
Mass in liquid phase  =      0.47926E-02g/sq.ft.
Mass sorbed           =      0.70149E-01g/sq.ft.

Since last printout at time =      61.00
               Change in Total Mass =    -0.17006E-02g/sq.ft.
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```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99519E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.63018E-03g/sq.ft.
                    Diffusion in from water table =    -0.97091E-03g/sq.ft.
               Total inflow at boundaries =    -0.17006E-02g/sq.ft.
               Mass discrepancy =    -0.86584E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7903    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14644    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19638    g/sq.ft.
                    Diffusion in from water table =     -1.4474    g/sq.ft.
               Total inflow at boundaries =     -1.7903    g/sq.ft.
               Mass discrepancy =    -0.19595E-05g/sq.ft.


Polygon   4
At time =      62.00, total mass in vadose zone =    0.76680E-01g/sq.ft.
Mass in gas phase     =      0.33304E-02g/sq.ft.
Mass in liquid phase  =      0.46908E-02g/sq.ft.
Mass sorbed           =      0.68659E-01g/sq.ft.

Since last printout at time =      61.50
               Change in Total Mass =    -0.16644E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97380E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.61694E-03g/sq.ft.
                    Diffusion in from water table =    -0.95007E-03g/sq.ft.
               Total inflow at boundaries =    -0.16644E-02g/sq.ft.
               Mass discrepancy =    -0.73123E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7919    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14654    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19700    g/sq.ft.
                    Diffusion in from water table =     -1.4484    g/sq.ft.
               Total inflow at boundaries =     -1.7919    g/sq.ft.
               Mass discrepancy =    -0.19446E-05g/sq.ft.


Polygon   4
At time =      62.50, total mass in vadose zone =    0.75051E-01g/sq.ft.
Mass in gas phase     =      0.32597E-02g/sq.ft.
Mass in liquid phase  =      0.45911E-02g/sq.ft.
Mass sorbed           =      0.67200E-01g/sq.ft.

Since last printout at time =      62.00
               Change in Total Mass =    -0.16290E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95289E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.60397E-03g/sq.ft.
                    Diffusion in from water table =    -0.92969E-03g/sq.ft.
               Total inflow at boundaries =    -0.16290E-02g/sq.ft.
               Mass discrepancy =     0.37326E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7936    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14664    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19760    g/sq.ft.
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                    Diffusion in from water table =     -1.4493    g/sq.ft.
               Total inflow at boundaries =     -1.7935    g/sq.ft.
               Mass discrepancy =    -0.19148E-05g/sq.ft.


Polygon   4
At time =      63.00, total mass in vadose zone =    0.73457E-01g/sq.ft.
Mass in gas phase     =      0.31904E-02g/sq.ft.
Mass in liquid phase  =      0.44936E-02g/sq.ft.
Mass sorbed           =      0.65773E-01g/sq.ft.

Since last printout at time =      62.50
               Change in Total Mass =    -0.15943E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.93243E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.59127E-03g/sq.ft.
                    Diffusion in from water table =    -0.90976E-03g/sq.ft.
               Total inflow at boundaries =    -0.15943E-02g/sq.ft.
               Mass discrepancy =    -0.73560E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7951    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14673    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19820    g/sq.ft.
                    Diffusion in from water table =     -1.4502    g/sq.ft.
               Total inflow at boundaries =     -1.7951    g/sq.ft.
               Mass discrepancy =    -0.18626E-05g/sq.ft.


Polygon   4
At time =      63.50, total mass in vadose zone =    0.71896E-01g/sq.ft.
Mass in gas phase     =      0.31227E-02g/sq.ft.
Mass in liquid phase  =      0.43981E-02g/sq.ft.
Mass sorbed           =      0.64376E-01g/sq.ft.

Since last printout at time =      63.00
               Change in Total Mass =    -0.15603E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91243E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.57883E-03g/sq.ft.
                    Diffusion in from water table =    -0.89027E-03g/sq.ft.
               Total inflow at boundaries =    -0.15603E-02g/sq.ft.
               Mass discrepancy =     0.23720E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7967    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14682    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19877    g/sq.ft.
                    Diffusion in from water table =     -1.4511    g/sq.ft.
               Total inflow at boundaries =     -1.7967    g/sq.ft.
               Mass discrepancy =    -0.18701E-05g/sq.ft.


Polygon   4
At time =      64.00, total mass in vadose zone =    0.70369E-01g/sq.ft.
Mass in gas phase     =      0.30563E-02g/sq.ft.
Mass in liquid phase  =      0.43047E-02g/sq.ft.
Mass sorbed           =      0.63008E-01g/sq.ft.

Since last printout at time =      63.50
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```
               Change in Total Mass =    -0.15271E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89287E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.56664E-03g/sq.ft.
                    Diffusion in from water table =    -0.87120E-03g/sq.ft.
               Total inflow at boundaries =    -0.15271E-02g/sq.ft.
               Mass discrepancy =    -0.57553E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7982    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14691    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19934    g/sq.ft.
                    Diffusion in from water table =     -1.4520    g/sq.ft.
               Total inflow at boundaries =     -1.7982    g/sq.ft.
               Mass discrepancy =    -0.19073E-05g/sq.ft.


Polygon   4
At time =      64.50, total mass in vadose zone =    0.68875E-01g/sq.ft.
Mass in gas phase     =      0.29914E-02g/sq.ft.
Mass in liquid phase  =      0.42133E-02g/sq.ft.
Mass sorbed           =      0.61670E-01g/sq.ft.

Since last printout at time =      64.00
               Change in Total Mass =    -0.14946E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.87373E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.55471E-03g/sq.ft.
                    Diffusion in from water table =    -0.85255E-03g/sq.ft.
               Total inflow at boundaries =    -0.14946E-02g/sq.ft.
               Mass discrepancy =    -0.32160E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.7997    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14700    g/sq.ft.
                    Diffusion in from atmosphere =     -0.19990    g/sq.ft.
                    Diffusion in from water table =     -1.4528    g/sq.ft.
               Total inflow at boundaries =     -1.7997    g/sq.ft.
               Mass discrepancy =    -0.20042E-05g/sq.ft.


Polygon   4
At time =      65.00, total mass in vadose zone =    0.67412E-01g/sq.ft.
Mass in gas phase     =      0.29279E-02g/sq.ft.
Mass in liquid phase  =      0.41238E-02g/sq.ft.
Mass sorbed           =      0.60360E-01g/sq.ft.

Since last printout at time =      64.50
               Change in Total Mass =    -0.14628E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.85502E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.54302E-03g/sq.ft.
                    Diffusion in from water table =    -0.83431E-03g/sq.ft.
               Total inflow at boundaries =    -0.14628E-02g/sq.ft.
               Mass discrepancy =    -0.52096E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8012    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14708    g/sq.ft.
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                    Diffusion in from atmosphere =     -0.20044    g/sq.ft.
                    Diffusion in from water table =     -1.4537    g/sq.ft.
               Total inflow at boundaries =     -1.8012    g/sq.ft.
               Mass discrepancy =    -0.18775E-05g/sq.ft.


Polygon   4
At time =      65.50, total mass in vadose zone =    0.65980E-01g/sq.ft.
Mass in gas phase     =      0.28657E-02g/sq.ft.
Mass in liquid phase  =      0.40362E-02g/sq.ft.
Mass sorbed           =      0.59078E-01g/sq.ft.

Since last printout at time =      65.00
               Change in Total Mass =    -0.14317E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.83671E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.53158E-03g/sq.ft.
                    Diffusion in from water table =    -0.81646E-03g/sq.ft.
               Total inflow at boundaries =    -0.14317E-02g/sq.ft.
               Mass discrepancy =    -0.45693E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8026    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14717    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20097    g/sq.ft.
                    Diffusion in from water table =     -1.4545    g/sq.ft.
               Total inflow at boundaries =     -1.8026    g/sq.ft.
               Mass discrepancy =    -0.17732E-05g/sq.ft.


Polygon   4
At time =      66.00, total mass in vadose zone =    0.64579E-01g/sq.ft.
Mass in gas phase     =      0.28048E-02g/sq.ft.
Mass in liquid phase  =      0.39505E-02g/sq.ft.
Mass sorbed           =      0.57823E-01g/sq.ft.

Since last printout at time =      65.50
               Change in Total Mass =    -0.14013E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.81881E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.52037E-03g/sq.ft.
                    Diffusion in from water table =    -0.79901E-03g/sq.ft.
               Total inflow at boundaries =    -0.14013E-02g/sq.ft.
               Mass discrepancy =     0.60172E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8040    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14725    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20149    g/sq.ft.
                    Diffusion in from water table =     -1.4553    g/sq.ft.
               Total inflow at boundaries =     -1.8040    g/sq.ft.
               Mass discrepancy =    -0.17062E-05g/sq.ft.


Polygon   4
At time =      66.50, total mass in vadose zone =    0.63207E-01g/sq.ft.
Mass in gas phase     =      0.27453E-02g/sq.ft.
Mass in liquid phase  =      0.38666E-02g/sq.ft.
Mass sorbed           =      0.56595E-01g/sq.ft.
```

```
Since last printout at time =      66.00
               Change in Total Mass =    -0.13715E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.80129E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.50940E-03g/sq.ft.
                    Diffusion in from water table =    -0.78193E-03g/sq.ft.
               Total inflow at boundaries =    -0.13715E-02g/sq.ft.
               Mass discrepancy =    -0.25975E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8054    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14733    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20200    g/sq.ft.
                    Diffusion in from water table =     -1.4561    g/sq.ft.
               Total inflow at boundaries =     -1.8054    g/sq.ft.
               Mass discrepancy =    -0.17360E-05g/sq.ft.


Polygon   4
At time =      67.00, total mass in vadose zone =    0.61865E-01g/sq.ft.
Mass in gas phase     =      0.26870E-02g/sq.ft.
Mass in liquid phase  =      0.37845E-02g/sq.ft.
Mass sorbed           =      0.55394E-01g/sq.ft.

Since last printout at time =      66.50
               Change in Total Mass =    -0.13423E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.78416E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.49865E-03g/sq.ft.
                    Diffusion in from water table =    -0.76522E-03g/sq.ft.
               Total inflow at boundaries =    -0.13423E-02g/sq.ft.
               Mass discrepancy =    -0.74797E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8067    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14741    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20250    g/sq.ft.
                    Diffusion in from water table =     -1.4568    g/sq.ft.
               Total inflow at boundaries =     -1.8067    g/sq.ft.
               Mass discrepancy =    -0.17658E-05g/sq.ft.


Polygon   4
At time =      67.50, total mass in vadose zone =    0.60551E-01g/sq.ft.
Mass in gas phase     =      0.26299E-02g/sq.ft.
Mass in liquid phase  =      0.37041E-02g/sq.ft.
Mass sorbed           =      0.54217E-01g/sq.ft.

Since last printout at time =      67.00
               Change in Total Mass =    -0.13137E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76740E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.48812E-03g/sq.ft.
                    Diffusion in from water table =    -0.74888E-03g/sq.ft.
               Total inflow at boundaries =    -0.13137E-02g/sq.ft.
               Mass discrepancy =    -0.26193E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8080    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.14749    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20299    g/sq.ft.
                    Diffusion in from water table =     -1.4576    g/sq.ft.
               Total inflow at boundaries =     -1.8080    g/sq.ft.
               Mass discrepancy =    -0.18105E-05g/sq.ft.


Polygon   4
At time =      68.00, total mass in vadose zone =    0.59265E-01g/sq.ft.
Mass in gas phase     =      0.25741E-02g/sq.ft.
Mass in liquid phase  =      0.36255E-02g/sq.ft.
Mass sorbed           =      0.53066E-01g/sq.ft.

Since last printout at time =      67.50
               Change in Total Mass =    -0.12858E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.75100E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.47782E-03g/sq.ft.
                    Diffusion in from water table =    -0.73289E-03g/sq.ft.
               Total inflow at boundaries =    -0.12858E-02g/sq.ft.
               Mass discrepancy =    -0.90149E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8093    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14756    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20346    g/sq.ft.
                    Diffusion in from water table =     -1.4583    g/sq.ft.
               Total inflow at boundaries =     -1.8093    g/sq.ft.
               Mass discrepancy =    -0.19297E-05g/sq.ft.


Polygon   4
At time =      68.50, total mass in vadose zone =    0.58007E-01g/sq.ft.
Mass in gas phase     =      0.25194E-02g/sq.ft.
Mass in liquid phase  =      0.35485E-02g/sq.ft.
Mass sorbed           =      0.51939E-01g/sq.ft.

Since last printout at time =      68.00
               Change in Total Mass =    -0.12585E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.73496E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.46773E-03g/sq.ft.
                    Diffusion in from water table =    -0.71725E-03g/sq.ft.
               Total inflow at boundaries =    -0.12585E-02g/sq.ft.
               Mass discrepancy =     0.49113E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8106    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14763    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20393    g/sq.ft.
                    Diffusion in from water table =     -1.4590    g/sq.ft.
               Total inflow at boundaries =     -1.8106    g/sq.ft.
               Mass discrepancy =    -0.18775E-05g/sq.ft.


Polygon   4
At time =      69.00, total mass in vadose zone =    0.56775E-01g/sq.ft.
Mass in gas phase     =      0.24659E-02g/sq.ft.
Mass in liquid phase  =      0.34731E-02g/sq.ft.
Mass sorbed           =      0.50836E-01g/sq.ft.
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```
Since last printout at time =      68.50
               Change in Total Mass =    -0.12317E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71926E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.45785E-03g/sq.ft.
                    Diffusion in from water table =    -0.70194E-03g/sq.ft.
               Total inflow at boundaries =    -0.12317E-02g/sq.ft.
               Mass discrepancy =    -0.11714E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8118    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14771    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20439    g/sq.ft.
                    Diffusion in from water table =     -1.4597    g/sq.ft.
               Total inflow at boundaries =     -1.8118    g/sq.ft.
               Mass discrepancy =    -0.19446E-05g/sq.ft.


Polygon   4
At time =      69.50, total mass in vadose zone =    0.55570E-01g/sq.ft.
Mass in gas phase     =      0.24136E-02g/sq.ft.
Mass in liquid phase  =      0.33994E-02g/sq.ft.
Mass sorbed           =      0.49757E-01g/sq.ft.

Since last printout at time =      69.00
               Change in Total Mass =    -0.12055E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.70391E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.44818E-03g/sq.ft.
                    Diffusion in from water table =    -0.68697E-03g/sq.ft.
               Total inflow at boundaries =    -0.12055E-02g/sq.ft.
               Mass discrepancy =     0.10914E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8130    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14778    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20484    g/sq.ft.
                    Diffusion in from water table =     -1.4604    g/sq.ft.
               Total inflow at boundaries =     -1.8130    g/sq.ft.
               Mass discrepancy =    -0.18887E-05g/sq.ft.


Polygon   4
At time =      70.00, total mass in vadose zone =    0.54390E-01g/sq.ft.
Mass in gas phase     =      0.23623E-02g/sq.ft.
Mass in liquid phase  =      0.33272E-02g/sq.ft.
Mass sorbed           =      0.48700E-01g/sq.ft.

Since last printout at time =      69.50
               Change in Total Mass =    -0.11799E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68889E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.43871E-03g/sq.ft.
                    Diffusion in from water table =    -0.67232E-03g/sq.ft.
               Total inflow at boundaries =    -0.11799E-02g/sq.ft.
               Mass discrepancy =    -0.42928E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8142    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14784    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20528    g/sq.ft.
                    Diffusion in from water table =     -1.4611    g/sq.ft.
               Total inflow at boundaries =     -1.8142    g/sq.ft.
               Mass discrepancy =    -0.18440E-05g/sq.ft.


Polygon   4
At time =      70.50, total mass in vadose zone =    0.53235E-01g/sq.ft.
Mass in gas phase     =      0.23122E-02g/sq.ft.
Mass in liquid phase  =      0.32565E-02g/sq.ft.
Mass sorbed           =      0.47666E-01g/sq.ft.

Since last printout at time =      70.00
               Change in Total Mass =    -0.11548E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67419E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.42944E-03g/sq.ft.
                    Diffusion in from water table =    -0.65798E-03g/sq.ft.
               Total inflow at boundaries =    -0.11548E-02g/sq.ft.
               Mass discrepancy =     0.42928E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8154    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14791    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20571    g/sq.ft.
                    Diffusion in from water table =     -1.4617    g/sq.ft.
               Total inflow at boundaries =     -1.8154    g/sq.ft.
               Mass discrepancy =    -0.17956E-05g/sq.ft.


Polygon   4
At time =      71.00, total mass in vadose zone =    0.52105E-01g/sq.ft.
Mass in gas phase     =      0.22631E-02g/sq.ft.
Mass in liquid phase  =      0.31874E-02g/sq.ft.
Mass sorbed           =      0.46654E-01g/sq.ft.

Since last printout at time =      70.50
               Change in Total Mass =    -0.11303E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65981E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.42036E-03g/sq.ft.
                    Diffusion in from water table =    -0.64396E-03g/sq.ft.
               Total inflow at boundaries =    -0.11303E-02g/sq.ft.
               Mass discrepancy =    -0.77562E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8165    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14798    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20613    g/sq.ft.
                    Diffusion in from water table =     -1.4624    g/sq.ft.
               Total inflow at boundaries =     -1.8165    g/sq.ft.
               Mass discrepancy =    -0.19334E-05g/sq.ft.


Polygon   4
At time =      71.50, total mass in vadose zone =    0.50998E-01g/sq.ft.
Mass in gas phase     =      0.22150E-02g/sq.ft.
Mass in liquid phase  =      0.31197E-02g/sq.ft.
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Mass sorbed           =      0.45664E-01g/sq.ft.

Since last printout at time =      71.00
               Change in Total Mass =    -0.11063E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64574E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.41147E-03g/sq.ft.
                    Diffusion in from water table =    -0.63023E-03g/sq.ft.
               Total inflow at boundaries =    -0.11063E-02g/sq.ft.
               Mass discrepancy =    -0.67885E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8176    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14804    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20654    g/sq.ft.
                    Diffusion in from water table =     -1.4630    g/sq.ft.
               Total inflow at boundaries =     -1.8176    g/sq.ft.
               Mass discrepancy =    -0.17732E-05g/sq.ft.


Polygon   4
At time =      72.00, total mass in vadose zone =    0.49916E-01g/sq.ft.
Mass in gas phase     =      0.21680E-02g/sq.ft.
Mass in liquid phase  =      0.30535E-02g/sq.ft.
Mass sorbed           =      0.44694E-01g/sq.ft.

Since last printout at time =      71.50
               Change in Total Mass =    -0.10828E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.63198E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.40277E-03g/sq.ft.
                    Diffusion in from water table =    -0.61680E-03g/sq.ft.
               Total inflow at boundaries =    -0.10828E-02g/sq.ft.
               Mass discrepancy =    -0.54570E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8187    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14811    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20694    g/sq.ft.
                    Diffusion in from water table =     -1.4636    g/sq.ft.
               Total inflow at boundaries =     -1.8187    g/sq.ft.
               Mass discrepancy =    -0.17919E-05g/sq.ft.


Polygon   4
At time =      72.50, total mass in vadose zone =    0.48856E-01g/sq.ft.
Mass in gas phase     =      0.21220E-02g/sq.ft.
Mass in liquid phase  =      0.29887E-02g/sq.ft.
Mass sorbed           =      0.43745E-01g/sq.ft.

Since last printout at time =      72.00
               Change in Total Mass =    -0.10598E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61851E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.39425E-03g/sq.ft.
                    Diffusion in from water table =    -0.60366E-03g/sq.ft.
               Total inflow at boundaries =    -0.10598E-02g/sq.ft.
               Mass discrepancy =    -0.37398E-08g/sq.ft.

Since beginning of run at time = 0.0
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```
               Change in Total Mass =     -1.8197    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14817    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20734    g/sq.ft.
                    Diffusion in from water table =     -1.4642    g/sq.ft.
               Total inflow at boundaries =     -1.8197    g/sq.ft.
               Mass discrepancy =    -0.17695E-05g/sq.ft.


Polygon   4
At time =      73.00, total mass in vadose zone =    0.47819E-01g/sq.ft.
Mass in gas phase     =      0.20769E-02g/sq.ft.
Mass in liquid phase  =      0.29252E-02g/sq.ft.
Mass sorbed           =      0.42816E-01g/sq.ft.

Since last printout at time =      72.50
               Change in Total Mass =    -0.10372E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.60533E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.38591E-03g/sq.ft.
                    Diffusion in from water table =    -0.59080E-03g/sq.ft.
               Total inflow at boundaries =    -0.10372E-02g/sq.ft.
               Mass discrepancy =     0.27030E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8208    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14823    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20772    g/sq.ft.
                    Diffusion in from water table =     -1.4648    g/sq.ft.
               Total inflow at boundaries =     -1.8208    g/sq.ft.
               Mass discrepancy =    -0.19036E-05g/sq.ft.


Polygon   4
At time =      73.50, total mass in vadose zone =    0.46803E-01g/sq.ft.
Mass in gas phase     =      0.20328E-02g/sq.ft.
Mass in liquid phase  =      0.28631E-02g/sq.ft.
Mass sorbed           =      0.41907E-01g/sq.ft.

Since last printout at time =      73.00
               Change in Total Mass =    -0.10152E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59243E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.37774E-03g/sq.ft.
                    Diffusion in from water table =    -0.57822E-03g/sq.ft.
               Total inflow at boundaries =    -0.10152E-02g/sq.ft.
               Mass discrepancy =     0.66575E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8218    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14829    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20810    g/sq.ft.
                    Diffusion in from water table =     -1.4654    g/sq.ft.
               Total inflow at boundaries =     -1.8218    g/sq.ft.
               Mass discrepancy =    -0.18328E-05g/sq.ft.


Polygon   4
At time =      74.00, total mass in vadose zone =    0.45810E-01g/sq.ft.
Mass in gas phase     =      0.19897E-02g/sq.ft.
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Mass in liquid phase  =      0.28023E-02g/sq.ft.
Mass sorbed           =      0.41018E-01g/sq.ft.

Since last printout at time =      73.50
               Change in Total Mass =    -0.99365E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.57981E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.36975E-03g/sq.ft.
                    Diffusion in from water table =    -0.56591E-03g/sq.ft.
               Total inflow at boundaries =    -0.99364E-03g/sq.ft.
               Mass discrepancy =    -0.90076E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8228    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14835    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20847    g/sq.ft.
                    Diffusion in from water table =     -1.4660    g/sq.ft.
               Total inflow at boundaries =     -1.8228    g/sq.ft.
               Mass discrepancy =    -0.20936E-05g/sq.ft.


Polygon   4
At time =      74.50, total mass in vadose zone =    0.44837E-01g/sq.ft.
Mass in gas phase     =      0.19474E-02g/sq.ft.
Mass in liquid phase  =      0.27428E-02g/sq.ft.
Mass sorbed           =      0.40147E-01g/sq.ft.

Since last printout at time =      74.00
               Change in Total Mass =    -0.97253E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56746E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.36192E-03g/sq.ft.
                    Diffusion in from water table =    -0.55386E-03g/sq.ft.
               Total inflow at boundaries =    -0.97253E-03g/sq.ft.
               Mass discrepancy =    -0.26375E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8238    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14840    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20883    g/sq.ft.
                    Diffusion in from water table =     -1.4665    g/sq.ft.
               Total inflow at boundaries =     -1.8238    g/sq.ft.
               Mass discrepancy =    -0.22203E-05g/sq.ft.


Polygon   4
At time =      75.00, total mass in vadose zone =    0.43885E-01g/sq.ft.
Mass in gas phase     =      0.19061E-02g/sq.ft.
Mass in liquid phase  =      0.26846E-02g/sq.ft.
Mass sorbed           =      0.39295E-01g/sq.ft.

Since last printout at time =      74.50
               Change in Total Mass =    -0.95187E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55538E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.35426E-03g/sq.ft.
                    Diffusion in from water table =    -0.54207E-03g/sq.ft.
               Total inflow at boundaries =    -0.95187E-03g/sq.ft.
               Mass discrepancy =     0.23902E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8247    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14846    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20918    g/sq.ft.
                    Diffusion in from water table =     -1.4671    g/sq.ft.
               Total inflow at boundaries =     -1.8247    g/sq.ft.
               Mass discrepancy =    -0.24550E-05g/sq.ft.


Polygon   4
At time =      75.50, total mass in vadose zone =    0.42954E-01g/sq.ft.
Mass in gas phase     =      0.18656E-02g/sq.ft.
Mass in liquid phase  =      0.26276E-02g/sq.ft.
Mass sorbed           =      0.38461E-01g/sq.ft.

Since last printout at time =      75.00
               Change in Total Mass =    -0.93165E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.54356E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.34676E-03g/sq.ft.
                    Diffusion in from water table =    -0.53054E-03g/sq.ft.
               Total inflow at boundaries =    -0.93165E-03g/sq.ft.
               Mass discrepancy =    -0.35616E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8256    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14851    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20953    g/sq.ft.
                    Diffusion in from water table =     -1.4676    g/sq.ft.
               Total inflow at boundaries =     -1.8256    g/sq.ft.
               Mass discrepancy =    -0.23842E-05g/sq.ft.


Polygon   4
At time =      76.00, total mass in vadose zone =    0.42042E-01g/sq.ft.
Mass in gas phase     =      0.18260E-02g/sq.ft.
Mass in liquid phase  =      0.25718E-02g/sq.ft.
Mass sorbed           =      0.37644E-01g/sq.ft.

Since last printout at time =      75.50
               Change in Total Mass =    -0.91186E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.53199E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.33941E-03g/sq.ft.
                    Diffusion in from water table =    -0.51925E-03g/sq.ft.
               Total inflow at boundaries =    -0.91186E-03g/sq.ft.
               Mass discrepancy =    -0.25466E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8266    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14857    g/sq.ft.
                    Diffusion in from atmosphere =     -0.20987    g/sq.ft.
                    Diffusion in from water table =     -1.4681    g/sq.ft.
               Total inflow at boundaries =     -1.8266    g/sq.ft.
               Mass discrepancy =    -0.24736E-05g/sq.ft.


Polygon   4
At time =      76.50, total mass in vadose zone =    0.41149E-01g/sq.ft.
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```
Mass in gas phase     =      0.17872E-02g/sq.ft.
Mass in liquid phase  =      0.25172E-02g/sq.ft.
Mass sorbed           =      0.36845E-01g/sq.ft.

Since last printout at time =      76.00
               Change in Total Mass =    -0.89249E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52066E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.33223E-03g/sq.ft.
                    Diffusion in from water table =    -0.50820E-03g/sq.ft.
               Total inflow at boundaries =    -0.89249E-03g/sq.ft.
               Mass discrepancy =    -0.35288E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8275    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14862    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21020    g/sq.ft.
                    Diffusion in from water table =     -1.4686    g/sq.ft.
               Total inflow at boundaries =     -1.8274    g/sq.ft.
               Mass discrepancy =    -0.23581E-05g/sq.ft.


Polygon   4
At time =      77.00, total mass in vadose zone =    0.40276E-01g/sq.ft.
Mass in gas phase     =      0.17493E-02g/sq.ft.
Mass in liquid phase  =      0.24638E-02g/sq.ft.
Mass sorbed           =      0.36063E-01g/sq.ft.

Since last printout at time =      76.50
               Change in Total Mass =    -0.87354E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50958E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.32519E-03g/sq.ft.
                    Diffusion in from water table =    -0.49739E-03g/sq.ft.
               Total inflow at boundaries =    -0.87354E-03g/sq.ft.
               Mass discrepancy =    -0.20518E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8283    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14867    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21053    g/sq.ft.
                    Diffusion in from water table =     -1.4691    g/sq.ft.
               Total inflow at boundaries =     -1.8283    g/sq.ft.
               Mass discrepancy =    -0.24065E-05g/sq.ft.


Polygon   4
At time =      77.50, total mass in vadose zone =    0.39421E-01g/sq.ft.
Mass in gas phase     =      0.17122E-02g/sq.ft.
Mass in liquid phase  =      0.24115E-02g/sq.ft.
Mass sorbed           =      0.35297E-01g/sq.ft.

Since last printout at time =      77.00
               Change in Total Mass =    -0.85498E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49874E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31830E-03g/sq.ft.
                    Diffusion in from water table =    -0.48681E-03g/sq.ft.
               Total inflow at boundaries =    -0.85498E-03g/sq.ft.
               Mass discrepancy =     0.10696E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8292    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14872    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21085    g/sq.ft.
                    Diffusion in from water table =     -1.4696    g/sq.ft.
               Total inflow at boundaries =     -1.8292    g/sq.ft.
               Mass discrepancy =    -0.24810E-05g/sq.ft.


Polygon   4
At time =      78.00, total mass in vadose zone =    0.38584E-01g/sq.ft.
Mass in gas phase     =      0.16758E-02g/sq.ft.
Mass in liquid phase  =      0.23603E-02g/sq.ft.
Mass sorbed           =      0.34548E-01g/sq.ft.

Since last printout at time =      77.50
               Change in Total Mass =    -0.83683E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.48813E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31156E-03g/sq.ft.
                    Diffusion in from water table =    -0.47645E-03g/sq.ft.
               Total inflow at boundaries =    -0.83683E-03g/sq.ft.
               Mass discrepancy =     0.15280E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8300    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14877    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21116    g/sq.ft.
                    Diffusion in from water table =     -1.4701    g/sq.ft.
               Total inflow at boundaries =     -1.8300    g/sq.ft.
               Mass discrepancy =    -0.23097E-05g/sq.ft.


Polygon   4
At time =      78.50, total mass in vadose zone =    0.37765E-01g/sq.ft.
Mass in gas phase     =      0.16402E-02g/sq.ft.
Mass in liquid phase  =      0.23102E-02g/sq.ft.
Mass sorbed           =      0.33815E-01g/sq.ft.

Since last printout at time =      78.00
               Change in Total Mass =    -0.81906E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47775E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.30496E-03g/sq.ft.
                    Diffusion in from water table =    -0.46632E-03g/sq.ft.
               Total inflow at boundaries =    -0.81906E-03g/sq.ft.
               Mass discrepancy =    -0.56534E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8308    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14882    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21146    g/sq.ft.
                    Diffusion in from water table =     -1.4706    g/sq.ft.
               Total inflow at boundaries =     -1.8308    g/sq.ft.
               Mass discrepancy =    -0.24028E-05g/sq.ft.


Polygon   4
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At time =      79.00, total mass in vadose zone =    0.36963E-01g/sq.ft.
Mass in gas phase     =      0.16054E-02g/sq.ft.
Mass in liquid phase  =      0.22612E-02g/sq.ft.
Mass sorbed           =      0.33097E-01g/sq.ft.

Since last printout at time =      78.50
               Change in Total Mass =    -0.80166E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46759E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.29850E-03g/sq.ft.
                    Diffusion in from water table =    -0.45641E-03g/sq.ft.
               Total inflow at boundaries =    -0.80166E-03g/sq.ft.
               Mass discrepancy =     0.14006E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8316    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14886    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21176    g/sq.ft.
                    Diffusion in from water table =     -1.4710    g/sq.ft.
               Total inflow at boundaries =     -1.8316    g/sq.ft.
               Mass discrepancy =    -0.23656E-05g/sq.ft.


Polygon   4
At time =      79.50, total mass in vadose zone =    0.36179E-01g/sq.ft.
Mass in gas phase     =      0.15713E-02g/sq.ft.
Mass in liquid phase  =      0.22132E-02g/sq.ft.
Mass sorbed           =      0.32394E-01g/sq.ft.

Since last printout at time =      79.00
               Change in Total Mass =    -0.78464E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45764E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.29217E-03g/sq.ft.
                    Diffusion in from water table =    -0.44670E-03g/sq.ft.
               Total inflow at boundaries =    -0.78464E-03g/sq.ft.
               Mass discrepancy =    -0.16989E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8324    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14891    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21205    g/sq.ft.
                    Diffusion in from water table =     -1.4715    g/sq.ft.
               Total inflow at boundaries =     -1.8324    g/sq.ft.
               Mass discrepancy =    -0.22948E-05g/sq.ft.


Polygon   4
At time =      80.00, total mass in vadose zone =    0.35411E-01g/sq.ft.
Mass in gas phase     =      0.15380E-02g/sq.ft.
Mass in liquid phase  =      0.21662E-02g/sq.ft.
Mass sorbed           =      0.31707E-01g/sq.ft.

Since last printout at time =      79.50
               Change in Total Mass =    -0.76798E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44791E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28598E-03g/sq.ft.
                    Diffusion in from water table =    -0.43720E-03g/sq.ft.
               Total inflow at boundaries =    -0.76798E-03g/sq.ft.
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               Mass discrepancy =    -0.41910E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8332    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14895    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21234    g/sq.ft.
                    Diffusion in from water table =     -1.4719    g/sq.ft.
               Total inflow at boundaries =     -1.8332    g/sq.ft.
               Mass discrepancy =    -0.22240E-05g/sq.ft.


Polygon   4
At time =      80.50, total mass in vadose zone =    0.34659E-01g/sq.ft.
Mass in gas phase     =      0.15053E-02g/sq.ft.
Mass in liquid phase  =      0.21202E-02g/sq.ft.
Mass sorbed           =      0.31033E-01g/sq.ft.

Since last printout at time =      80.00
               Change in Total Mass =    -0.75167E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43838E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.27992E-03g/sq.ft.
                    Diffusion in from water table =    -0.42791E-03g/sq.ft.
               Total inflow at boundaries =    -0.75167E-03g/sq.ft.
               Mass discrepancy =     0.12224E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8339    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14900    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21262    g/sq.ft.
                    Diffusion in from water table =     -1.4723    g/sq.ft.
               Total inflow at boundaries =     -1.8339    g/sq.ft.
               Mass discrepancy =    -0.23060E-05g/sq.ft.


Polygon   4
At time =      81.00, total mass in vadose zone =    0.33923E-01g/sq.ft.
Mass in gas phase     =      0.14734E-02g/sq.ft.
Mass in liquid phase  =      0.20752E-02g/sq.ft.
Mass sorbed           =      0.30375E-01g/sq.ft.

Since last printout at time =      80.50
               Change in Total Mass =    -0.73571E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42906E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.27399E-03g/sq.ft.
                    Diffusion in from water table =    -0.41881E-03g/sq.ft.
               Total inflow at boundaries =    -0.73571E-03g/sq.ft.
               Mass discrepancy =    -0.73851E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8347    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14904    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21289    g/sq.ft.
                    Diffusion in from water table =     -1.4727    g/sq.ft.
               Total inflow at boundaries =     -1.8347    g/sq.ft.
               Mass discrepancy =    -0.23283E-05g/sq.ft.
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Polygon   4
At time =      81.50, total mass in vadose zone =    0.33203E-01g/sq.ft.
Mass in gas phase     =      0.14421E-02g/sq.ft.
Mass in liquid phase  =      0.20311E-02g/sq.ft.
Mass sorbed           =      0.29730E-01g/sq.ft.

Since last printout at time =      81.00
               Change in Total Mass =    -0.72009E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41994E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26818E-03g/sq.ft.
                    Diffusion in from water table =    -0.40991E-03g/sq.ft.
               Total inflow at boundaries =    -0.72009E-03g/sq.ft.
               Mass discrepancy =    -0.60500E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8354    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14908    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21316    g/sq.ft.
                    Diffusion in from water table =     -1.4732    g/sq.ft.
               Total inflow at boundaries =     -1.8354    g/sq.ft.
               Mass discrepancy =    -0.24103E-05g/sq.ft.


Polygon   4
At time =      82.00, total mass in vadose zone =    0.32498E-01g/sq.ft.
Mass in gas phase     =      0.14115E-02g/sq.ft.
Mass in liquid phase  =      0.19880E-02g/sq.ft.
Mass sorbed           =      0.29099E-01g/sq.ft.

Since last printout at time =      81.50
               Change in Total Mass =    -0.70480E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41102E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26249E-03g/sq.ft.
                    Diffusion in from water table =    -0.40120E-03g/sq.ft.
               Total inflow at boundaries =    -0.70480E-03g/sq.ft.
               Mass discrepancy =     0.36744E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8361    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14912    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21342    g/sq.ft.
                    Diffusion in from water table =     -1.4736    g/sq.ft.
               Total inflow at boundaries =     -1.8361    g/sq.ft.
               Mass discrepancy =    -0.24550E-05g/sq.ft.


Polygon   4
At time =      82.50, total mass in vadose zone =    0.31809E-01g/sq.ft.
Mass in gas phase     =      0.13815E-02g/sq.ft.
Mass in liquid phase  =      0.19458E-02g/sq.ft.
Mass sorbed           =      0.28481E-01g/sq.ft.

Since last printout at time =      82.00
               Change in Total Mass =    -0.68983E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40228E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25693E-03g/sq.ft.
                    Diffusion in from water table =    -0.39267E-03g/sq.ft.
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               Total inflow at boundaries =    -0.68983E-03g/sq.ft.
               Mass discrepancy =     0.14916E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8368    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14916    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21368    g/sq.ft.
                    Diffusion in from water table =     -1.4739    g/sq.ft.
               Total inflow at boundaries =     -1.8368    g/sq.ft.
               Mass discrepancy =    -0.24512E-05g/sq.ft.


Polygon   4
At time =      83.00, total mass in vadose zone =    0.31133E-01g/sq.ft.
Mass in gas phase     =      0.13522E-02g/sq.ft.
Mass in liquid phase  =      0.19045E-02g/sq.ft.
Mass sorbed           =      0.27877E-01g/sq.ft.

Since last printout at time =      82.50
               Change in Total Mass =    -0.67518E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39373E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25148E-03g/sq.ft.
                    Diffusion in from water table =    -0.38433E-03g/sq.ft.
               Total inflow at boundaries =    -0.67518E-03g/sq.ft.
               Mass discrepancy =    -0.49113E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8375    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14920    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21393    g/sq.ft.
                    Diffusion in from water table =     -1.4743    g/sq.ft.
               Total inflow at boundaries =     -1.8375    g/sq.ft.
               Mass discrepancy =    -0.24494E-05g/sq.ft.


Polygon   4
At time =      83.50, total mass in vadose zone =    0.30473E-01g/sq.ft.
Mass in gas phase     =      0.13235E-02g/sq.ft.
Mass in liquid phase  =      0.18641E-02g/sq.ft.
Mass sorbed           =      0.27285E-01g/sq.ft.

Since last printout at time =      83.00
               Change in Total Mass =    -0.66085E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38536E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24615E-03g/sq.ft.
                    Diffusion in from water table =    -0.37616E-03g/sq.ft.
               Total inflow at boundaries =    -0.66085E-03g/sq.ft.
               Mass discrepancy =    -0.10587E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8381    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14924    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21418    g/sq.ft.
                    Diffusion in from water table =     -1.4747    g/sq.ft.
               Total inflow at boundaries =     -1.8381    g/sq.ft.
               Mass discrepancy =    -0.22538E-05g/sq.ft.
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Polygon   4
At time =      84.00, total mass in vadose zone =    0.29826E-01g/sq.ft.
Mass in gas phase     =      0.12954E-02g/sq.ft.
Mass in liquid phase  =      0.18245E-02g/sq.ft.
Mass sorbed           =      0.26706E-01g/sq.ft.

Since last printout at time =      83.50
               Change in Total Mass =    -0.64682E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37717E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24093E-03g/sq.ft.
                    Diffusion in from water table =    -0.36817E-03g/sq.ft.
               Total inflow at boundaries =    -0.64682E-03g/sq.ft.
               Mass discrepancy =    -0.23538E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8388    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14928    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21442    g/sq.ft.
                    Diffusion in from water table =     -1.4751    g/sq.ft.
               Total inflow at boundaries =     -1.8388    g/sq.ft.
               Mass discrepancy =    -0.21700E-05g/sq.ft.


Polygon   4
At time =      84.50, total mass in vadose zone =    0.29193E-01g/sq.ft.
Mass in gas phase     =      0.12679E-02g/sq.ft.
Mass in liquid phase  =      0.17858E-02g/sq.ft.
Mass sorbed           =      0.26139E-01g/sq.ft.

Since last printout at time =      84.00
               Change in Total Mass =    -0.63309E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36916E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23582E-03g/sq.ft.
                    Diffusion in from water table =    -0.36035E-03g/sq.ft.
               Total inflow at boundaries =    -0.63309E-03g/sq.ft.
               Mass discrepancy =     0.10914E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8394    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14931    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21466    g/sq.ft.
                    Diffusion in from water table =     -1.4754    g/sq.ft.
               Total inflow at boundaries =     -1.8394    g/sq.ft.
               Mass discrepancy =    -0.21644E-05g/sq.ft.


Polygon   4
At time =      85.00, total mass in vadose zone =    0.28573E-01g/sq.ft.
Mass in gas phase     =      0.12410E-02g/sq.ft.
Mass in liquid phase  =      0.17479E-02g/sq.ft.
Mass sorbed           =      0.25584E-01g/sq.ft.

Since last printout at time =      84.50
               Change in Total Mass =    -0.61965E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36131E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23082E-03g/sq.ft.
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                    Diffusion in from water table =    -0.35269E-03g/sq.ft.
               Total inflow at boundaries =    -0.61964E-03g/sq.ft.
               Mass discrepancy =    -0.36598E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8400    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14935    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21489    g/sq.ft.
                    Diffusion in from water table =     -1.4758    g/sq.ft.
               Total inflow at boundaries =     -1.8400    g/sq.ft.
               Mass discrepancy =    -0.21178E-05g/sq.ft.


Polygon   4
At time =      85.50, total mass in vadose zone =    0.27966E-01g/sq.ft.
Mass in gas phase     =      0.12147E-02g/sq.ft.
Mass in liquid phase  =      0.17108E-02g/sq.ft.
Mass sorbed           =      0.25041E-01g/sq.ft.

Since last printout at time =      85.00
               Change in Total Mass =    -0.60649E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35364E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22593E-03g/sq.ft.
                    Diffusion in from water table =    -0.34520E-03g/sq.ft.
               Total inflow at boundaries =    -0.60649E-03g/sq.ft.
               Mass discrepancy =    -0.12151E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8406    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14939    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21511    g/sq.ft.
                    Diffusion in from water table =     -1.4761    g/sq.ft.
               Total inflow at boundaries =     -1.8406    g/sq.ft.
               Mass discrepancy =    -0.20415E-05g/sq.ft.


Polygon   4
At time =      86.00, total mass in vadose zone =    0.27373E-01g/sq.ft.
Mass in gas phase     =      0.11889E-02g/sq.ft.
Mass in liquid phase  =      0.16745E-02g/sq.ft.
Mass sorbed           =      0.24510E-01g/sq.ft.

Since last printout at time =      85.50
               Change in Total Mass =    -0.59361E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34612E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22114E-03g/sq.ft.
                    Diffusion in from water table =    -0.33786E-03g/sq.ft.
               Total inflow at boundaries =    -0.59361E-03g/sq.ft.
               Mass discrepancy =     0.12660E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8412    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14942    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21533    g/sq.ft.
                    Diffusion in from water table =     -1.4765    g/sq.ft.
               Total inflow at boundaries =     -1.8412    g/sq.ft.
               Mass discrepancy =    -0.19167E-05g/sq.ft.
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Polygon   4
At time =      86.50, total mass in vadose zone =    0.26792E-01g/sq.ft.
Mass in gas phase     =      0.11636E-02g/sq.ft.
Mass in liquid phase  =      0.16389E-02g/sq.ft.
Mass sorbed           =      0.23989E-01g/sq.ft.

Since last printout at time =      86.00
               Change in Total Mass =    -0.58101E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33877E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21645E-03g/sq.ft.
                    Diffusion in from water table =    -0.33069E-03g/sq.ft.
               Total inflow at boundaries =    -0.58101E-03g/sq.ft.
               Mass discrepancy =    -0.39763E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8418    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14946    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21555    g/sq.ft.
                    Diffusion in from water table =     -1.4768    g/sq.ft.
               Total inflow at boundaries =     -1.8418    g/sq.ft.
               Mass discrepancy =    -0.18906E-05g/sq.ft.


Polygon   4
At time =      87.00, total mass in vadose zone =    0.26223E-01g/sq.ft.
Mass in gas phase     =      0.11390E-02g/sq.ft.
Mass in liquid phase  =      0.16042E-02g/sq.ft.
Mass sorbed           =      0.23480E-01g/sq.ft.

Since last printout at time =      86.50
               Change in Total Mass =    -0.56868E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33157E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21186E-03g/sq.ft.
                    Diffusion in from water table =    -0.32366E-03g/sq.ft.
               Total inflow at boundaries =    -0.56868E-03g/sq.ft.
               Mass discrepancy =    -0.41109E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8424    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14949    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21576    g/sq.ft.
                    Diffusion in from water table =     -1.4771    g/sq.ft.
               Total inflow at boundaries =     -1.8424    g/sq.ft.
               Mass discrepancy =    -0.19390E-05g/sq.ft.


Polygon   4
At time =      87.50, total mass in vadose zone =    0.25667E-01g/sq.ft.
Mass in gas phase     =      0.11148E-02g/sq.ft.
Mass in liquid phase  =      0.15701E-02g/sq.ft.
Mass sorbed           =      0.22982E-01g/sq.ft.

Since last printout at time =      87.00
               Change in Total Mass =    -0.55660E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32453E-04g/sq.ft.
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                    Diffusion in from atmosphere =     -0.20736E-03g/sq.ft.
                    Diffusion in from water table =    -0.31679E-03g/sq.ft.
               Total inflow at boundaries =    -0.55660E-03g/sq.ft.
               Mass discrepancy =    -0.11896E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8429    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14952    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21597    g/sq.ft.
                    Diffusion in from water table =     -1.4774    g/sq.ft.
               Total inflow at boundaries =     -1.8429    g/sq.ft.
               Mass discrepancy =    -0.20005E-05g/sq.ft.


Polygon   4
At time =      88.00, total mass in vadose zone =    0.25122E-01g/sq.ft.
Mass in gas phase     =      0.10911E-02g/sq.ft.
Mass in liquid phase  =      0.15368E-02g/sq.ft.
Mass sorbed           =      0.22494E-01g/sq.ft.

Since last printout at time =      87.50
               Change in Total Mass =    -0.54479E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31764E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20296E-03g/sq.ft.
                    Diffusion in from water table =    -0.31006E-03g/sq.ft.
               Total inflow at boundaries =    -0.54479E-03g/sq.ft.
               Mass discrepancy =    -0.72032E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8435    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14955    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21617    g/sq.ft.
                    Diffusion in from water table =     -1.4778    g/sq.ft.
               Total inflow at boundaries =     -1.8435    g/sq.ft.
               Mass discrepancy =    -0.20023E-05g/sq.ft.


Polygon   4
At time =      88.50, total mass in vadose zone =    0.24589E-01g/sq.ft.
Mass in gas phase     =      0.10680E-02g/sq.ft.
Mass in liquid phase  =      0.15042E-02g/sq.ft.
Mass sorbed           =      0.22016E-01g/sq.ft.

Since last printout at time =      88.00
               Change in Total Mass =    -0.53323E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31089E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19866E-03g/sq.ft.
                    Diffusion in from water table =    -0.30347E-03g/sq.ft.
               Total inflow at boundaries =    -0.53322E-03g/sq.ft.
               Mass discrepancy =    -0.25466E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8440    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14958    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21637    g/sq.ft.
                    Diffusion in from water table =     -1.4781    g/sq.ft.
               Total inflow at boundaries =     -1.8440    g/sq.ft.
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               Mass discrepancy =    -0.20936E-05g/sq.ft.


Polygon   4
At time =      89.00, total mass in vadose zone =    0.24067E-01g/sq.ft.
Mass in gas phase     =      0.10453E-02g/sq.ft.
Mass in liquid phase  =      0.14722E-02g/sq.ft.
Mass sorbed           =      0.21549E-01g/sq.ft.

Since last printout at time =      88.50
               Change in Total Mass =    -0.52191E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30428E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19445E-03g/sq.ft.
                    Diffusion in from water table =    -0.29703E-03g/sq.ft.
               Total inflow at boundaries =    -0.52190E-03g/sq.ft.
               Mass discrepancy =    -0.28540E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8445    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14961    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21657    g/sq.ft.
                    Diffusion in from water table =     -1.4784    g/sq.ft.
               Total inflow at boundaries =     -1.8445    g/sq.ft.
               Mass discrepancy =    -0.20564E-05g/sq.ft.


Polygon   4
At time =      89.50, total mass in vadose zone =    0.23556E-01g/sq.ft.
Mass in gas phase     =      0.10231E-02g/sq.ft.
Mass in liquid phase  =      0.14410E-02g/sq.ft.
Mass sorbed           =      0.21092E-01g/sq.ft.

Since last printout at time =      89.00
               Change in Total Mass =    -0.51082E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29782E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19032E-03g/sq.ft.
                    Diffusion in from water table =    -0.29072E-03g/sq.ft.
               Total inflow at boundaries =    -0.51082E-03g/sq.ft.
               Mass discrepancy =    -0.10823E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8450    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14964    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21676    g/sq.ft.
                    Diffusion in from water table =     -1.4786    g/sq.ft.
               Total inflow at boundaries =     -1.8450    g/sq.ft.
               Mass discrepancy =    -0.18906E-05g/sq.ft.


Polygon   4
At time =      90.00, total mass in vadose zone =    0.23056E-01g/sq.ft.
Mass in gas phase     =      0.10014E-02g/sq.ft.
Mass in liquid phase  =      0.14104E-02g/sq.ft.
Mass sorbed           =      0.20644E-01g/sq.ft.

Since last printout at time =      89.50
               Change in Total Mass =    -0.49998E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.29150E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18628E-03g/sq.ft.
                    Diffusion in from water table =    -0.28455E-03g/sq.ft.
               Total inflow at boundaries =    -0.49998E-03g/sq.ft.
               Mass discrepancy =    -0.61118E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8455    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14967    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21694    g/sq.ft.
                    Diffusion in from water table =     -1.4789    g/sq.ft.
               Total inflow at boundaries =     -1.8455    g/sq.ft.
               Mass discrepancy =    -0.21160E-05g/sq.ft.


Polygon   4
At time =      90.50, total mass in vadose zone =    0.22567E-01g/sq.ft.
Mass in gas phase     =      0.98013E-03g/sq.ft.
Mass in liquid phase  =      0.13805E-02g/sq.ft.
Mass sorbed           =      0.20206E-01g/sq.ft.

Since last printout at time =      90.00
               Change in Total Mass =    -0.48937E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28531E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18233E-03g/sq.ft.
                    Diffusion in from water table =    -0.27850E-03g/sq.ft.
               Total inflow at boundaries =    -0.48937E-03g/sq.ft.
               Mass discrepancy =     0.11241E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8460    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14970    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21712    g/sq.ft.
                    Diffusion in from water table =     -1.4792    g/sq.ft.
               Total inflow at boundaries =     -1.8460    g/sq.ft.
               Mass discrepancy =    -0.22762E-05g/sq.ft.


Polygon   4
At time =      91.00, total mass in vadose zone =    0.22088E-01g/sq.ft.
Mass in gas phase     =      0.95933E-03g/sq.ft.
Mass in liquid phase  =      0.13512E-02g/sq.ft.
Mass sorbed           =      0.19777E-01g/sq.ft.

Since last printout at time =      90.50
               Change in Total Mass =    -0.47898E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27925E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17846E-03g/sq.ft.
                    Diffusion in from water table =    -0.27259E-03g/sq.ft.
               Total inflow at boundaries =    -0.47898E-03g/sq.ft.
               Mass discrepancy =    -0.46548E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8465    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14973    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21730    g/sq.ft.
                    Diffusion in from water table =     -1.4795    g/sq.ft.
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               Total inflow at boundaries =     -1.8465    g/sq.ft.
               Mass discrepancy =    -0.24848E-05g/sq.ft.


Polygon   4
At time =      91.50, total mass in vadose zone =    0.21619E-01g/sq.ft.
Mass in gas phase     =      0.93896E-03g/sq.ft.
Mass in liquid phase  =      0.13225E-02g/sq.ft.
Mass sorbed           =      0.19357E-01g/sq.ft.

Since last printout at time =      91.00
               Change in Total Mass =    -0.46881E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27332E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17468E-03g/sq.ft.
                    Diffusion in from water table =    -0.26680E-03g/sq.ft.
               Total inflow at boundaries =    -0.46881E-03g/sq.ft.
               Mass discrepancy =    -0.21428E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8470    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14976    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21748    g/sq.ft.
                    Diffusion in from water table =     -1.4797    g/sq.ft.
               Total inflow at boundaries =     -1.8470    g/sq.ft.
               Mass discrepancy =    -0.23879E-05g/sq.ft.


Polygon   4
At time =      92.00, total mass in vadose zone =    0.21160E-01g/sq.ft.
Mass in gas phase     =      0.91903E-03g/sq.ft.
Mass in liquid phase  =      0.12944E-02g/sq.ft.
Mass sorbed           =      0.18946E-01g/sq.ft.

Since last printout at time =      91.50
               Change in Total Mass =    -0.45886E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26751E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17097E-03g/sq.ft.
                    Diffusion in from water table =    -0.26114E-03g/sq.ft.
               Total inflow at boundaries =    -0.45886E-03g/sq.ft.
               Mass discrepancy =     0.20682E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8474    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14978    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21765    g/sq.ft.
                    Diffusion in from water table =     -1.4800    g/sq.ft.
               Total inflow at boundaries =     -1.8474    g/sq.ft.
               Mass discrepancy =    -0.24531E-05g/sq.ft.


Polygon   4
At time =      92.50, total mass in vadose zone =    0.20711E-01g/sq.ft.
Mass in gas phase     =      0.89953E-03g/sq.ft.
Mass in liquid phase  =      0.12669E-02g/sq.ft.
Mass sorbed           =      0.18544E-01g/sq.ft.

Since last printout at time =      92.00
               Change in Total Mass =    -0.44912E-03g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26183E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16735E-03g/sq.ft.
                    Diffusion in from water table =    -0.25559E-03g/sq.ft.
               Total inflow at boundaries =    -0.44912E-03g/sq.ft.
               Mass discrepancy =     0.14952E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8479    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14981    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21782    g/sq.ft.
                    Diffusion in from water table =     -1.4803    g/sq.ft.
               Total inflow at boundaries =     -1.8479    g/sq.ft.
               Mass discrepancy =    -0.24643E-05g/sq.ft.


Polygon   4
At time =      93.00, total mass in vadose zone =    0.20271E-01g/sq.ft.
Mass in gas phase     =      0.88043E-03g/sq.ft.
Mass in liquid phase  =      0.12400E-02g/sq.ft.
Mass sorbed           =      0.18151E-01g/sq.ft.

Since last printout at time =      92.50
               Change in Total Mass =    -0.43959E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25627E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16379E-03g/sq.ft.
                    Diffusion in from water table =    -0.25016E-03g/sq.ft.
               Total inflow at boundaries =    -0.43959E-03g/sq.ft.
               Mass discrepancy =    -0.45457E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8483    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14984    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21798    g/sq.ft.
                    Diffusion in from water table =     -1.4805    g/sq.ft.
               Total inflow at boundaries =     -1.8483    g/sq.ft.
               Mass discrepancy =    -0.24103E-05g/sq.ft.


Polygon   4
At time =      93.50, total mass in vadose zone =    0.19841E-01g/sq.ft.
Mass in gas phase     =      0.86175E-03g/sq.ft.
Mass in liquid phase  =      0.12137E-02g/sq.ft.
Mass sorbed           =      0.17765E-01g/sq.ft.

Since last printout at time =      93.00
               Change in Total Mass =    -0.43025E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25083E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16032E-03g/sq.ft.
                    Diffusion in from water table =    -0.24485E-03g/sq.ft.
               Total inflow at boundaries =    -0.43025E-03g/sq.ft.
               Mass discrepancy =    -0.25466E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8488    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14986    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21814    g/sq.ft.
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                    Diffusion in from water table =     -1.4808    g/sq.ft.
               Total inflow at boundaries =     -1.8488    g/sq.ft.
               Mass discrepancy =    -0.25127E-05g/sq.ft.


Polygon   4
At time =      94.00, total mass in vadose zone =    0.19420E-01g/sq.ft.
Mass in gas phase     =      0.84346E-03g/sq.ft.
Mass in liquid phase  =      0.11880E-02g/sq.ft.
Mass sorbed           =      0.17388E-01g/sq.ft.

Since last printout at time =      93.50
               Change in Total Mass =    -0.42112E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24550E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15692E-03g/sq.ft.
                    Diffusion in from water table =    -0.23965E-03g/sq.ft.
               Total inflow at boundaries =    -0.42112E-03g/sq.ft.
               Mass discrepancy =     0.33451E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8492    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14988    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21830    g/sq.ft.
                    Diffusion in from water table =     -1.4810    g/sq.ft.
               Total inflow at boundaries =     -1.8492    g/sq.ft.
               Mass discrepancy =    -0.24345E-05g/sq.ft.


Polygon   4
At time =      94.50, total mass in vadose zone =    0.19008E-01g/sq.ft.
Mass in gas phase     =      0.82555E-03g/sq.ft.
Mass in liquid phase  =      0.11628E-02g/sq.ft.
Mass sorbed           =      0.17019E-01g/sq.ft.

Since last printout at time =      94.00
               Change in Total Mass =    -0.41218E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24029E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15359E-03g/sq.ft.
                    Diffusion in from water table =    -0.23456E-03g/sq.ft.
               Total inflow at boundaries =    -0.41218E-03g/sq.ft.
               Mass discrepancy =    -0.24265E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8496    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14991    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21845    g/sq.ft.
                    Diffusion in from water table =     -1.4812    g/sq.ft.
               Total inflow at boundaries =     -1.8496    g/sq.ft.
               Mass discrepancy =    -0.24084E-05g/sq.ft.


Polygon   4
At time =      95.00, total mass in vadose zone =    0.18604E-01g/sq.ft.
Mass in gas phase     =      0.80803E-03g/sq.ft.
Mass in liquid phase  =      0.11381E-02g/sq.ft.
Mass sorbed           =      0.16658E-01g/sq.ft.

Since last printout at time =      94.50
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               Change in Total Mass =    -0.40343E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23519E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15033E-03g/sq.ft.
                    Diffusion in from water table =    -0.22958E-03g/sq.ft.
               Total inflow at boundaries =    -0.40343E-03g/sq.ft.
               Mass discrepancy =    -0.91313E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8500    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14993    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21860    g/sq.ft.
                    Diffusion in from water table =     -1.4815    g/sq.ft.
               Total inflow at boundaries =     -1.8500    g/sq.ft.
               Mass discrepancy =    -0.24084E-05g/sq.ft.


Polygon   4
At time =      95.50, total mass in vadose zone =    0.18209E-01g/sq.ft.
Mass in gas phase     =      0.79088E-03g/sq.ft.
Mass in liquid phase  =      0.11139E-02g/sq.ft.
Mass sorbed           =      0.16304E-01g/sq.ft.

Since last printout at time =      95.00
               Change in Total Mass =    -0.39487E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23020E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14714E-03g/sq.ft.
                    Diffusion in from water table =    -0.22471E-03g/sq.ft.
               Total inflow at boundaries =    -0.39487E-03g/sq.ft.
               Mass discrepancy =    -0.17844E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8504    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14996    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21875    g/sq.ft.
                    Diffusion in from water table =     -1.4817    g/sq.ft.
               Total inflow at boundaries =     -1.8504    g/sq.ft.
               Mass discrepancy =    -0.24140E-05g/sq.ft.


Polygon   4
At time =      96.00, total mass in vadose zone =    0.17823E-01g/sq.ft.
Mass in gas phase     =      0.77410E-03g/sq.ft.
Mass in liquid phase  =      0.10903E-02g/sq.ft.
Mass sorbed           =      0.15958E-01g/sq.ft.

Since last printout at time =      95.50
               Change in Total Mass =    -0.38649E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22531E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14402E-03g/sq.ft.
                    Diffusion in from water table =    -0.21994E-03g/sq.ft.
               Total inflow at boundaries =    -0.38649E-03g/sq.ft.
               Mass discrepancy =    -0.15170E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8508    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14998    g/sq.ft.
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                    Diffusion in from atmosphere =     -0.21889    g/sq.ft.
                    Diffusion in from water table =     -1.4819    g/sq.ft.
               Total inflow at boundaries =     -1.8508    g/sq.ft.
               Mass discrepancy =    -0.24121E-05g/sq.ft.


Polygon   4
At time =      96.50, total mass in vadose zone =    0.17445E-01g/sq.ft.
Mass in gas phase     =      0.75767E-03g/sq.ft.
Mass in liquid phase  =      0.10671E-02g/sq.ft.
Mass sorbed           =      0.15620E-01g/sq.ft.

Since last printout at time =      96.00
               Change in Total Mass =    -0.37828E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22052E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14096E-03g/sq.ft.
                    Diffusion in from water table =    -0.21527E-03g/sq.ft.
               Total inflow at boundaries =    -0.37828E-03g/sq.ft.
               Mass discrepancy =    -0.23465E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8512    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15000    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21903    g/sq.ft.
                    Diffusion in from water table =     -1.4821    g/sq.ft.
               Total inflow at boundaries =     -1.8512    g/sq.ft.
               Mass discrepancy =    -0.23860E-05g/sq.ft.


Polygon   4
At time =      97.00, total mass in vadose zone =    0.17074E-01g/sq.ft.
Mass in gas phase     =      0.74158E-03g/sq.ft.
Mass in liquid phase  =      0.10445E-02g/sq.ft.
Mass sorbed           =      0.15288E-01g/sq.ft.

Since last printout at time =      96.50
               Change in Total Mass =    -0.37025E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21584E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13797E-03g/sq.ft.
                    Diffusion in from water table =    -0.21070E-03g/sq.ft.
               Total inflow at boundaries =    -0.37025E-03g/sq.ft.
               Mass discrepancy =     0.13824E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8515    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15002    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21917    g/sq.ft.
                    Diffusion in from water table =     -1.4823    g/sq.ft.
               Total inflow at boundaries =     -1.8515    g/sq.ft.
               Mass discrepancy =    -0.24363E-05g/sq.ft.


Polygon   4
At time =      97.50, total mass in vadose zone =    0.16712E-01g/sq.ft.
Mass in gas phase     =      0.72584E-03g/sq.ft.
Mass in liquid phase  =      0.10223E-02g/sq.ft.
Mass sorbed           =      0.14964E-01g/sq.ft.
```

```
Since last printout at time =      97.00
               Change in Total Mass =    -0.36240E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21126E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13504E-03g/sq.ft.
                    Diffusion in from water table =    -0.20623E-03g/sq.ft.
               Total inflow at boundaries =    -0.36240E-03g/sq.ft.
               Mass discrepancy =    -0.40200E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8519    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15004    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21931    g/sq.ft.
                    Diffusion in from water table =     -1.4825    g/sq.ft.
               Total inflow at boundaries =     -1.8519    g/sq.ft.
               Mass discrepancy =    -0.24512E-05g/sq.ft.


Polygon   4
At time =      98.00, total mass in vadose zone =    0.16357E-01g/sq.ft.
Mass in gas phase     =      0.71044E-03g/sq.ft.
Mass in liquid phase  =      0.10006E-02g/sq.ft.
Mass sorbed           =      0.14646E-01g/sq.ft.

Since last printout at time =      97.50
               Change in Total Mass =    -0.35471E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20677E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13218E-03g/sq.ft.
                    Diffusion in from water table =    -0.20185E-03g/sq.ft.
               Total inflow at boundaries =    -0.35470E-03g/sq.ft.
               Mass discrepancy =    -0.36162E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8522    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15006    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21944    g/sq.ft.
                    Diffusion in from water table =     -1.4827    g/sq.ft.
               Total inflow at boundaries =     -1.8522    g/sq.ft.
               Mass discrepancy =    -0.23618E-05g/sq.ft.


Polygon   4
At time =      98.50, total mass in vadose zone =    0.16010E-01g/sq.ft.
Mass in gas phase     =      0.69536E-03g/sq.ft.
Mass in liquid phase  =      0.97938E-03g/sq.ft.
Mass sorbed           =      0.14335E-01g/sq.ft.

Since last printout at time =      98.00
               Change in Total Mass =    -0.34717E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20238E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12937E-03g/sq.ft.
                    Diffusion in from water table =    -0.19756E-03g/sq.ft.
               Total inflow at boundaries =    -0.34717E-03g/sq.ft.
               Mass discrepancy =     0.72760E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8526    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Advection in from water table =    -0.15008    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21957    g/sq.ft.
                    Diffusion in from water table =     -1.4829    g/sq.ft.
               Total inflow at boundaries =     -1.8526    g/sq.ft.
               Mass discrepancy =    -0.23693E-05g/sq.ft.


Polygon   4
At time =      99.00, total mass in vadose zone =    0.15670E-01g/sq.ft.
Mass in gas phase     =      0.68060E-03g/sq.ft.
Mass in liquid phase  =      0.95859E-03g/sq.ft.
Mass sorbed           =      0.14031E-01g/sq.ft.

Since last printout at time =      98.50
               Change in Total Mass =    -0.33981E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19809E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12663E-03g/sq.ft.
                    Diffusion in from water table =    -0.19337E-03g/sq.ft.
               Total inflow at boundaries =    -0.33981E-03g/sq.ft.
               Mass discrepancy =    -0.33651E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8529    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15010    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21969    g/sq.ft.
                    Diffusion in from water table =     -1.4831    g/sq.ft.
               Total inflow at boundaries =     -1.8529    g/sq.ft.
               Mass discrepancy =    -0.23693E-05g/sq.ft.


Polygon   4
At time =      99.50, total mass in vadose zone =    0.15338E-01g/sq.ft.
Mass in gas phase     =      0.66616E-03g/sq.ft.
Mass in liquid phase  =      0.93825E-03g/sq.ft.
Mass sorbed           =      0.13733E-01g/sq.ft.

Since last printout at time =      99.00
               Change in Total Mass =    -0.33259E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19388E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12394E-03g/sq.ft.
                    Diffusion in from water table =    -0.18926E-03g/sq.ft.
               Total inflow at boundaries =    -0.33259E-03g/sq.ft.
               Mass discrepancy =     0.10787E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8533    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15012    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21982    g/sq.ft.
                    Diffusion in from water table =     -1.4833    g/sq.ft.
               Total inflow at boundaries =     -1.8533    g/sq.ft.
               Mass discrepancy =    -0.23227E-05g/sq.ft.


Polygon   4
At time =     100.00, total mass in vadose zone =    0.15012E-01g/sq.ft.
Mass in gas phase     =      0.65202E-03g/sq.ft.
Mass in liquid phase  =      0.91833E-03g/sq.ft.
Mass sorbed           =      0.13442E-01g/sq.ft.
```

```
Since last printout at time =      99.50
               Change in Total Mass =    -0.32554E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18977E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12131E-03g/sq.ft.
                    Diffusion in from water table =    -0.18525E-03g/sq.ft.
               Total inflow at boundaries =    -0.32553E-03g/sq.ft.
               Mass discrepancy =    -0.17590E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.8536    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15014    g/sq.ft.
                    Diffusion in from atmosphere =     -0.21994    g/sq.ft.
                    Diffusion in from water table =     -1.4835    g/sq.ft.
               Total inflow at boundaries =     -1.8536    g/sq.ft.
               Mass discrepancy =    -0.22231E-05g/sq.ft.


GROUNDWATER IMPACT OF POLYGON   4
```

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
0.50	0.15044	382.25
1.00	0.15606	396.52
1.50	0.15530	394.60
2.00	0.15057	382.57
2.50	0.14349	364.59
3.00	0.13517	343.46
3.50	0.12635	321.03
4.00	0.11749	298.53
4.50	0.10890	276.69
5.00	0.10074	255.97
5.50	0.93121E-01	236.60
6.00	0.86070E-01	218.69
6.50	0.79596E-01	202.24
7.00	0.73681E-01	187.21
7.50	0.68294E-01	173.52
8.00	0.63398E-01	161.08
8.50	0.58954E-01	149.79
9.00	0.54920E-01	139.54
9.50	0.51258E-01	130.24
10.00	0.47932E-01	121.79
10.50	0.44907E-01	114.10
11.00	0.42153E-01	107.10
11.50	0.39642E-01	100.72
12.00	0.37347E-01	94.893
12.50	0.35248E-01	89.559
13.00	0.33324E-01	84.669
13.50	0.31556E-01	80.177
14.00	0.29929E-01	76.044
14.50	0.28429E-01	72.232
15.00	0.27043E-01	68.710
15.50	0.25760E-01	65.451
16.00	0.24570E-01	62.428
16.50	0.23465E-01	59.620
17.00	0.22436E-01	57.006
17.50	0.21477E-01	54.568
18.00	0.20581E-01	52.291
18.50	0.19742E-01	50.161
19.00	0.18957E-01	48.165
19.50	0.18219E-01	46.292

20.00	0.17526E-01	44.530
20.50	0.16873E-01	42.872
21.00	0.16258E-01	41.309
21.50	0.15677E-01	39.833
22.00	0.15128E-01	38.438
22.50	0.14608E-01	37.117
23.00	0.14116E-01	35.865
23.50	0.13648E-01	34.677
24.00	0.13204E-01	33.548
24.50	0.12781E-01	32.475
25.00	0.12379E-01	31.452
25.50	0.11995E-01	30.478
26.00	0.11629E-01	29.548
26.50	0.11280E-01	28.660
27.00	0.10945E-01	27.810
27.50	0.10625E-01	26.997
28.00	0.10319E-01	26.219
28.50	0.10025E-01	25.473
29.00	0.97435E-02	24.756
29.50	0.94728E-02	24.069
30.00	0.92127E-02	23.408
30.50	0.89625E-02	22.772
31.00	0.87217E-02	22.160
31.50	0.84898E-02	21.571
32.00	0.82663E-02	21.003
32.50	0.80508E-02	20.456
33.00	0.78427E-02	19.927
33.50	0.76419E-02	19.417
34.00	0.74478E-02	18.923
34.50	0.72602E-02	18.447
35.00	0.70787E-02	17.986
35.50	0.69031E-02	17.539
36.00	0.67330E-02	17.107
36.50	0.65683E-02	16.689
37.00	0.64087E-02	16.283
37.50	0.62539E-02	15.890
38.00	0.61038E-02	15.509
38.50	0.59581E-02	15.138
39.00	0.58167E-02	14.779
39.50	0.56793E-02	14.430
40.00	0.55459E-02	14.091
40.50	0.54162E-02	13.762
41.00	0.52902E-02	13.441
41.50	0.51676E-02	13.130
42.00	0.50484E-02	12.827
42.50	0.49323E-02	12.532
43.00	0.48194E-02	12.245
43.50	0.47095E-02	11.966
44.00	0.46024E-02	11.694
44.50	0.44982E-02	11.429
45.00	0.43966E-02	11.171
45.50	0.42976E-02	10.919
46.00	0.42011E-02	10.674
46.50	0.41070E-02	10.435
47.00	0.40153E-02	10.202
47.50	0.39259E-02	9.9749
48.00	0.38386E-02	9.7532
48.50	0.37535E-02	9.5370
49.00	0.36705E-02	9.3260
49.50	0.35894E-02	9.1201
50.00	0.35103E-02	8.9191
50.50	0.34331E-02	8.7229

51.00	0.33577E-02	8.5314
51.50	0.32841E-02	8.3444
52.00	0.32123E-02	8.1618
52.50	0.31421E-02	7.9834
53.00	0.30735E-02	7.8092
53.50	0.30065E-02	7.6391
54.00	0.29411E-02	7.4728
54.50	0.28772E-02	7.3104
55.00	0.28147E-02	7.1517
55.50	0.27537E-02	6.9966
56.00	0.26940E-02	6.8451
56.50	0.26357E-02	6.6970
57.00	0.25788E-02	6.5522
57.50	0.25231E-02	6.4107
58.00	0.24686E-02	6.2723
58.50	0.24154E-02	6.1371
59.00	0.23634E-02	6.0049
59.50	0.23125E-02	5.8756
60.00	0.22627E-02	5.7492
60.50	0.22141E-02	5.6256
61.00	0.21665E-02	5.5047
61.50	0.21200E-02	5.3866
62.00	0.20745E-02	5.2710
62.50	0.20300E-02	5.1579
63.00	0.19865E-02	5.0474
63.50	0.19439E-02	4.9392
64.00	0.19023E-02	4.8335
64.50	0.18616E-02	4.7300
65.00	0.18218E-02	4.6288
65.50	0.17828E-02	4.5298
66.00	0.17447E-02	4.4330
66.50	0.17074E-02	4.3382
67.00	0.16709E-02	4.2455
67.50	0.16352E-02	4.1549
68.00	0.16003E-02	4.0662
68.50	0.15662E-02	3.9794
69.00	0.15328E-02	3.8945
69.50	0.15001E-02	3.8114
70.00	0.14681E-02	3.7301
70.50	0.14368E-02	3.6506
71.00	0.14061E-02	3.5728
71.50	0.13762E-02	3.4966
72.00	0.13469E-02	3.4221
72.50	0.13182E-02	3.3492
73.00	0.12901E-02	3.2779
73.50	0.12626E-02	3.2081
74.00	0.12357E-02	3.1398
74.50	0.12094E-02	3.0729
75.00	0.11837E-02	3.0075
75.50	0.11585E-02	2.9435
76.00	0.11338E-02	2.8809
76.50	0.11097E-02	2.8196
77.00	0.10861E-02	2.7596
77.50	0.10630E-02	2.7009
78.00	0.10404E-02	2.6435
78.50	0.10183E-02	2.5873
79.00	0.99662E-03	2.5322
79.50	0.97543E-03	2.4784
80.00	0.95470E-03	2.4257
80.50	0.93440E-03	2.3741
81.00	0.91454E-03	2.3237
81.50	0.89510E-03	2.2743

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     82.00         0.87608E-03                2.2260
     82.50         0.85746E-03                2.1786
     83.00         0.83924E-03                2.1323
     83.50         0.82140E-03                2.0870
     84.00         0.80395E-03                2.0427
     84.50         0.78687E-03                1.9993
     85.00         0.77015E-03                1.9568
     85.50         0.75379E-03                1.9152
     86.00         0.73778E-03                1.8746
     86.50         0.72210E-03                1.8347
     87.00         0.70677E-03                1.7958
     87.50         0.69175E-03                1.7576
     88.00         0.67706E-03                1.7203
     88.50         0.66268E-03                1.6838
     89.00         0.64861E-03                1.6480
     89.50         0.63483E-03                1.6130
     90.00         0.62135E-03                1.5787
     90.50         0.60815E-03                1.5452
     91.00         0.59524E-03                1.5124
     91.50         0.58260E-03                1.4803
     92.00         0.57023E-03                1.4488
     92.50         0.55812E-03                1.4181
     93.00         0.54627E-03                1.3880
     93.50         0.53467E-03                1.3585
     94.00         0.52332E-03                1.3297
     94.50         0.51221E-03                1.3014
     95.00         0.50133E-03                1.2738
     95.50         0.49069E-03                1.2467
     96.00         0.48027E-03                1.2203
     96.50         0.47007E-03                1.1944
     97.00         0.46009E-03                1.1690
     97.50         0.45033E-03                1.1442
     98.00         0.44077E-03                1.1199
     98.50         0.43141E-03                1.0961
     99.00         0.42225E-03                1.0729
     99.50         0.41329E-03                1.0501
    100.00         0.40451E-03                1.0278
**************************************************


Polygon   5
At time =       0.00, total mass in vadose zone =    0.27959    g/sq.ft.
Mass in gas phase     =      0.12144E-01g/sq.ft.
Mass in liquid phase  =      0.17104E-01g/sq.ft.
Mass sorbed           =      0.25035    g/sq.ft.


Polygon   5
At time =       0.50, total mass in vadose zone =    0.27078    g/sq.ft.
Mass in gas phase     =      0.11761E-01g/sq.ft.
Mass in liquid phase  =      0.16565E-01g/sq.ft.
Mass sorbed           =      0.24246    g/sq.ft.

Since last printout at time =       0.00
               Change in Total Mass =    -0.88138E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25283E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.20232E-03g/sq.ft.
                    Diffusion in from water table =    -0.83586E-02g/sq.ft.
               Total inflow at boundaries =    -0.88137E-02g/sq.ft.
               Mass discrepancy =    -0.27707E-07g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.88138E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25283E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.20232E-03g/sq.ft.
                    Diffusion in from water table =    -0.83586E-02g/sq.ft.
               Total inflow at boundaries =    -0.88137E-02g/sq.ft.
               Mass discrepancy =    -0.27707E-07g/sq.ft.


Polygon   5
At time =       1.00, total mass in vadose zone =    0.26123    g/sq.ft.
Mass in gas phase     =      0.11346E-01g/sq.ft.
Mass in liquid phase  =      0.15980E-01g/sq.ft.
Mass sorbed           =      0.23390    g/sq.ft.

Since last printout at time =       0.50
               Change in Total Mass =    -0.95500E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51888E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.19089E-03g/sq.ft.
                    Diffusion in from water table =    -0.88402E-02g/sq.ft.
               Total inflow at boundaries =    -0.95500E-02g/sq.ft.
               Mass discrepancy =    -0.44383E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18364E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77171E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.39321E-03g/sq.ft.
                    Diffusion in from water table =    -0.17199E-01g/sq.ft.
               Total inflow at boundaries =    -0.18364E-01g/sq.ft.
               Mass discrepancy =    -0.72992E-07g/sq.ft.


Polygon   5
At time =       1.50, total mass in vadose zone =    0.25141    g/sq.ft.
Mass in gas phase     =      0.10919E-01g/sq.ft.
Mass in liquid phase  =      0.15379E-01g/sq.ft.
Mass sorbed           =      0.22511    g/sq.ft.

Since last printout at time =       1.00
               Change in Total Mass =    -0.98220E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68225E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.18489E-03g/sq.ft.
                    Diffusion in from water table =    -0.89549E-02g/sq.ft.
               Total inflow at boundaries =    -0.98220E-02g/sq.ft.
               Mass discrepancy =    -0.28231E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.28186E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14540E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.57809E-03g/sq.ft.
                    Diffusion in from water table =    -0.26154E-01g/sq.ft.
               Total inflow at boundaries =    -0.28186E-01g/sq.ft.
               Mass discrepancy =    -0.78755E-07g/sq.ft.


Polygon   5
At time =       2.00, total mass in vadose zone =    0.24162    g/sq.ft.
```

```
Mass in gas phase     =      0.10494E-01g/sq.ft.
Mass in liquid phase  =      0.14781E-01g/sq.ft.
Mass sorbed           =      0.21635    g/sq.ft.

Since last printout at time =       1.50
               Change in Total Mass =    -0.97856E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77422E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.18351E-03g/sq.ft.
                    Diffusion in from water table =    -0.88279E-02g/sq.ft.
               Total inflow at boundaries =    -0.97856E-02g/sq.ft.
               Mass discrepancy =    -0.22585E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.37971E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22282E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.76160E-03g/sq.ft.
                    Diffusion in from water table =    -0.34982E-01g/sq.ft.
               Total inflow at boundaries =    -0.37971E-01g/sq.ft.
               Mass discrepancy =    -0.10332E-06g/sq.ft.


Polygon   5
At time =       2.50, total mass in vadose zone =    0.23207    g/sq.ft.
Mass in gas phase     =      0.10080E-01g/sq.ft.
Mass in liquid phase  =      0.14197E-01g/sq.ft.
Mass sorbed           =      0.20780    g/sq.ft.

Since last printout at time =       2.00
               Change in Total Mass =    -0.95504E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.81717E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.18603E-03g/sq.ft.
                    Diffusion in from water table =    -0.85472E-02g/sq.ft.
               Total inflow at boundaries =    -0.95504E-02g/sq.ft.
               Mass discrepancy =     0.74069E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.47522E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30453E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.94763E-03g/sq.ft.
                    Diffusion in from water table =    -0.43529E-01g/sq.ft.
               Total inflow at boundaries =    -0.47522E-01g/sq.ft.
               Mass discrepancy =    -0.10204E-06g/sq.ft.


Polygon   5
At time =       3.00, total mass in vadose zone =    0.22288    g/sq.ft.
Mass in gas phase     =      0.96803E-02g/sq.ft.
Mass in liquid phase  =      0.13634E-01g/sq.ft.
Mass sorbed           =      0.19957    g/sq.ft.

Since last printout at time =       2.50
               Change in Total Mass =    -0.91933E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82702E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.19182E-03g/sq.ft.
                    Diffusion in from water table =    -0.81744E-02g/sq.ft.
               Total inflow at boundaries =    -0.91932E-02g/sq.ft.
               Mass discrepancy =    -0.36394E-07g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.56715E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38724E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.11395E-02g/sq.ft.
                    Diffusion in from water table =    -0.51703E-01g/sq.ft.
               Total inflow at boundaries =    -0.56715E-01g/sq.ft.
               Mass discrepancy =    -0.13935E-06g/sq.ft.


Polygon   5
At time =       3.50, total mass in vadose zone =    0.21411    g/sq.ft.
Mass in gas phase     =      0.92995E-02g/sq.ft.
Mass in liquid phase  =      0.13098E-01g/sq.ft.
Mass sorbed           =      0.19172    g/sq.ft.

Since last printout at time =       3.00
               Change in Total Mass =    -0.87673E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.81507E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.20031E-03g/sq.ft.
                    Diffusion in from water table =    -0.77519E-02g/sq.ft.
               Total inflow at boundaries =    -0.87673E-02g/sq.ft.
               Mass discrepancy =     0.67375E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.65482E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46874E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.13398E-02g/sq.ft.
                    Diffusion in from water table =    -0.59455E-01g/sq.ft.
               Total inflow at boundaries =    -0.65482E-01g/sq.ft.
               Mass discrepancy =    -0.13341E-06g/sq.ft.


Polygon   5
At time =       4.00, total mass in vadose zone =    0.20580    g/sq.ft.
Mass in gas phase     =      0.89387E-02g/sq.ft.
Mass in liquid phase  =      0.12590E-01g/sq.ft.
Mass sorbed           =      0.18428    g/sq.ft.

Since last printout at time =       3.50
               Change in Total Mass =    -0.83089E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.78926E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.21099E-03g/sq.ft.
                    Diffusion in from water table =    -0.73086E-02g/sq.ft.
               Total inflow at boundaries =    -0.83089E-02g/sq.ft.
               Mass discrepancy =    -0.15280E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.73791E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.54767E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.15508E-02g/sq.ft.
                    Diffusion in from water table =    -0.66764E-01g/sq.ft.
               Total inflow at boundaries =    -0.73791E-01g/sq.ft.
               Mass discrepancy =    -0.12782E-06g/sq.ft.


Polygon   5
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```
At time =       4.50, total mass in vadose zone =    0.19796    g/sq.ft.
Mass in gas phase     =      0.85980E-02g/sq.ft.
Mass in liquid phase  =      0.12110E-01g/sq.ft.
Mass sorbed           =      0.17725    g/sq.ft.

Since last printout at time =       4.00
               Change in Total Mass =    -0.78423E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.75513E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.22341E-03g/sq.ft.
                    Diffusion in from water table =    -0.68638E-02g/sq.ft.
               Total inflow at boundaries =    -0.78423E-02g/sq.ft.
               Mass discrepancy =    -0.76689E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.81634E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.62318E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.17742E-02g/sq.ft.
                    Diffusion in from water table =    -0.73627E-01g/sq.ft.
               Total inflow at boundaries =    -0.81633E-01g/sq.ft.
               Mass discrepancy =    -0.13935E-06g/sq.ft.


Polygon   5
At time =       5.00, total mass in vadose zone =    0.19058    g/sq.ft.
Mass in gas phase     =      0.82774E-02g/sq.ft.
Mass in liquid phase  =      0.11658E-01g/sq.ft.
Mass sorbed           =      0.17064    g/sq.ft.

Since last printout at time =       4.50
               Change in Total Mass =    -0.73836E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71653E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.23715E-03g/sq.ft.
                    Diffusion in from water table =    -0.64299E-02g/sq.ft.
               Total inflow at boundaries =    -0.73836E-02g/sq.ft.
               Mass discrepancy =    -0.14581E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.89017E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.69483E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.20113E-02g/sq.ft.
                    Diffusion in from water table =    -0.80057E-01g/sq.ft.
               Total inflow at boundaries =    -0.89017E-01g/sq.ft.
               Mass discrepancy =    -0.15670E-06g/sq.ft.


Polygon   5
At time =       5.50, total mass in vadose zone =    0.18364    g/sq.ft.
Mass in gas phase     =      0.79758E-02g/sq.ft.
Mass in liquid phase  =      0.11234E-01g/sq.ft.
Mass sorbed           =      0.16443    g/sq.ft.

Since last printout at time =       5.00
               Change in Total Mass =    -0.69425E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67605E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.25186E-03g/sq.ft.
                    Diffusion in from water table =    -0.60146E-02g/sq.ft.
               Total inflow at boundaries =    -0.69425E-02g/sq.ft.
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               Mass discrepancy =    -0.21828E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.95960E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76244E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.22632E-02g/sq.ft.
                    Diffusion in from water table =    -0.86072E-01g/sq.ft.
               Total inflow at boundaries =    -0.95960E-01g/sq.ft.
               Mass discrepancy =    -0.16554E-06g/sq.ft.


Polygon   5
At time =       6.00, total mass in vadose zone =    0.17711    g/sq.ft.
Mass in gas phase     =      0.76924E-02g/sq.ft.
Mass in liquid phase  =      0.10834E-01g/sq.ft.
Mass sorbed           =      0.15858    g/sq.ft.

Since last printout at time =       5.50
               Change in Total Mass =    -0.65250E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.63544E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.26721E-03g/sq.ft.
                    Diffusion in from water table =    -0.56223E-02g/sq.ft.
               Total inflow at boundaries =    -0.65250E-02g/sq.ft.
               Mass discrepancy =    -0.60245E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.10248    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82598E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.25304E-02g/sq.ft.
                    Diffusion in from water table =    -0.91694E-01g/sq.ft.
               Total inflow at boundaries =    -0.10248    g/sq.ft.
               Mass discrepancy =    -0.17555E-06g/sq.ft.


Polygon   5
At time =       6.50, total mass in vadose zone =    0.17098    g/sq.ft.
Mass in gas phase     =      0.74260E-02g/sq.ft.
Mass in liquid phase  =      0.10459E-01g/sq.ft.
Mass sorbed           =      0.15309    g/sq.ft.

Since last printout at time =       6.00
               Change in Total Mass =    -0.61340E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59582E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.28292E-03g/sq.ft.
                    Diffusion in from water table =    -0.52552E-02g/sq.ft.
               Total inflow at boundaries =    -0.61340E-02g/sq.ft.
               Mass discrepancy =     0.24738E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.10862    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.88557E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.28133E-02g/sq.ft.
                    Diffusion in from water table =    -0.96949E-01g/sq.ft.
               Total inflow at boundaries =    -0.10862    g/sq.ft.
               Mass discrepancy =    -0.17486E-06g/sq.ft.
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Polygon   5
At time =       7.00, total mass in vadose zone =    0.16521    g/sq.ft.
Mass in gas phase     =      0.71754E-02g/sq.ft.
Mass in liquid phase  =      0.10106E-01g/sq.ft.
Mass sorbed           =      0.14792    g/sq.ft.

Since last printout at time =       6.50
               Change in Total Mass =    -0.57706E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55789E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.29876E-03g/sq.ft.
                    Diffusion in from water table =    -0.49139E-02g/sq.ft.
               Total inflow at boundaries =    -0.57706E-02g/sq.ft.
               Mass discrepancy =    -0.21741E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.11439    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94136E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.31121E-02g/sq.ft.
                    Diffusion in from water table =    -0.10186    g/sq.ft.
               Total inflow at boundaries =    -0.11439    g/sq.ft.
               Mass discrepancy =    -0.20699E-06g/sq.ft.


Polygon   5
At time =       7.50, total mass in vadose zone =    0.15977    g/sq.ft.
Mass in gas phase     =      0.69393E-02g/sq.ft.
Mass in liquid phase  =      0.97737E-02g/sq.ft.
Mass sorbed           =      0.14306    g/sq.ft.

Since last printout at time =       7.00
               Change in Total Mass =    -0.54346E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52204E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.31450E-03g/sq.ft.
                    Diffusion in from water table =    -0.45981E-02g/sq.ft.
               Total inflow at boundaries =    -0.54346E-02g/sq.ft.
               Mass discrepancy =     0.81491E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.11982    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99356E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.34266E-02g/sq.ft.
                    Diffusion in from water table =    -0.10646    g/sq.ft.
               Total inflow at boundaries =    -0.11982    g/sq.ft.
               Mass discrepancy =    -0.20652E-06g/sq.ft.


Polygon   5
At time =       8.00, total mass in vadose zone =    0.15465    g/sq.ft.
Mass in gas phase     =      0.67167E-02g/sq.ft.
Mass in liquid phase  =      0.94602E-02g/sq.ft.
Mass sorbed           =      0.13847    g/sq.ft.

Since last printout at time =       7.50
               Change in Total Mass =    -0.51251E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.48847E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.32997E-03g/sq.ft.
                    Diffusion in from water table =    -0.43067E-02g/sq.ft.
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               Total inflow at boundaries =    -0.51251E-02g/sq.ft.
               Mass discrepancy =    -0.20693E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.12495    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10424E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37565E-02g/sq.ft.
                    Diffusion in from water table =    -0.11077    g/sq.ft.
               Total inflow at boundaries =    -0.12495    g/sq.ft.
               Mass discrepancy =    -0.23935E-06g/sq.ft.


Polygon   5
At time =       8.50, total mass in vadose zone =    0.14981    g/sq.ft.
Mass in gas phase     =      0.65065E-02g/sq.ft.
Mass in liquid phase  =      0.91641E-02g/sq.ft.
Mass sorbed           =      0.13413    g/sq.ft.

Since last printout at time =       8.00
               Change in Total Mass =    -0.48407E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45724E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.34501E-03g/sq.ft.
                    Diffusion in from water table =    -0.40384E-02g/sq.ft.
               Total inflow at boundaries =    -0.48407E-02g/sq.ft.
               Mass discrepancy =     0.31723E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.12979    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10881E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.41015E-02g/sq.ft.
                    Diffusion in from water table =    -0.11481    g/sq.ft.
               Total inflow at boundaries =    -0.12979    g/sq.ft.
               Mass discrepancy =    -0.22678E-06g/sq.ft.


Polygon   5
At time =       9.00, total mass in vadose zone =    0.14523    g/sq.ft.
Mass in gas phase     =      0.63076E-02g/sq.ft.
Mass in liquid phase  =      0.88839E-02g/sq.ft.
Mass sorbed           =      0.13003    g/sq.ft.

Since last printout at time =       8.50
               Change in Total Mass =    -0.45796E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42831E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.35950E-03g/sq.ft.
                    Diffusion in from water table =    -0.37918E-02g/sq.ft.
               Total inflow at boundaries =    -0.45796E-02g/sq.ft.
               Mass discrepancy =     0.90513E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.13437    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11310E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.44610E-02g/sq.ft.
                    Diffusion in from water table =    -0.11860    g/sq.ft.
               Total inflow at boundaries =    -0.13437    g/sq.ft.
               Mass discrepancy =    -0.21607E-06g/sq.ft.
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```
Polygon   5
At time =       9.50, total mass in vadose zone =    0.14089    g/sq.ft.
Mass in gas phase     =      0.61191E-02g/sq.ft.
Mass in liquid phase  =      0.86184E-02g/sq.ft.
Mass sorbed           =      0.12615    g/sq.ft.

Since last printout at time =       9.00
               Change in Total Mass =    -0.43401E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40161E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.37334E-03g/sq.ft.
                    Diffusion in from water table =    -0.35651E-02g/sq.ft.
               Total inflow at boundaries =    -0.43400E-02g/sq.ft.
               Mass discrepancy =    -0.17782E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.13871    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11711E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48344E-02g/sq.ft.
                    Diffusion in from water table =    -0.12216    g/sq.ft.
               Total inflow at boundaries =    -0.13871    g/sq.ft.
               Mass discrepancy =    -0.22911E-06g/sq.ft.


Polygon   5
At time =      10.00, total mass in vadose zone =    0.13677    g/sq.ft.
Mass in gas phase     =      0.59401E-02g/sq.ft.
Mass in liquid phase  =      0.83664E-02g/sq.ft.
Mass sorbed           =      0.12246    g/sq.ft.

Since last printout at time =       9.50
               Change in Total Mass =    -0.41202E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37700E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.38643E-03g/sq.ft.
                    Diffusion in from water table =    -0.33568E-02g/sq.ft.
               Total inflow at boundaries =    -0.41202E-02g/sq.ft.
               Mass discrepancy =     0.24156E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14283    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12088E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.52208E-02g/sq.ft.
                    Diffusion in from water table =    -0.12552    g/sq.ft.
               Total inflow at boundaries =    -0.14283    g/sq.ft.
               Mass discrepancy =    -0.23097E-06g/sq.ft.


Polygon   5
At time =      10.50, total mass in vadose zone =    0.13285    g/sq.ft.
Mass in gas phase     =      0.57699E-02g/sq.ft.
Mass in liquid phase  =      0.81267E-02g/sq.ft.
Mass sorbed           =      0.11895    g/sq.ft.

Since last printout at time =      10.00
               Change in Total Mass =    -0.39184E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35436E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.39873E-03g/sq.ft.
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                    Diffusion in from water table =    -0.31653E-02g/sq.ft.
               Total inflow at boundaries =    -0.39184E-02g/sq.ft.
               Mass discrepancy =    -0.61118E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.14675    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12443E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.56195E-02g/sq.ft.
                    Diffusion in from water table =    -0.12869    g/sq.ft.
               Total inflow at boundaries =    -0.14675    g/sq.ft.
               Mass discrepancy =    -0.23004E-06g/sq.ft.


Polygon   5
At time =      11.00, total mass in vadose zone =    0.12911    g/sq.ft.
Mass in gas phase     =      0.56078E-02g/sq.ft.
Mass in liquid phase  =      0.78983E-02g/sq.ft.
Mass sorbed           =      0.11561    g/sq.ft.

Since last printout at time =      10.50
               Change in Total Mass =    -0.37328E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33353E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.41018E-03g/sq.ft.
                    Diffusion in from water table =    -0.29891E-02g/sq.ft.
               Total inflow at boundaries =    -0.37328E-02g/sq.ft.
               Mass discrepancy =     0.31723E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15048    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12776E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.60297E-02g/sq.ft.
                    Diffusion in from water table =    -0.13167    g/sq.ft.
               Total inflow at boundaries =    -0.15048    g/sq.ft.
               Mass discrepancy =    -0.23888E-06g/sq.ft.


Polygon   5
At time =      11.50, total mass in vadose zone =    0.12555    g/sq.ft.
Mass in gas phase     =      0.54531E-02g/sq.ft.
Mass in liquid phase  =      0.76804E-02g/sq.ft.
Mass sorbed           =      0.11242    g/sq.ft.

Since last printout at time =      11.00
               Change in Total Mass =    -0.35620E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31437E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.42076E-03g/sq.ft.
                    Diffusion in from water table =    -0.28269E-02g/sq.ft.
               Total inflow at boundaries =    -0.35620E-02g/sq.ft.
               Mass discrepancy =    -0.48312E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15404    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13090E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.64505E-02g/sq.ft.
                    Diffusion in from water table =    -0.13450    g/sq.ft.
               Total inflow at boundaries =    -0.15404    g/sq.ft.
               Mass discrepancy =    -0.26636E-06g/sq.ft.
```

```
Polygon   5
At time =      12.00, total mass in vadose zone =    0.12215    g/sq.ft.
Mass in gas phase     =      0.53052E-02g/sq.ft.
Mass in liquid phase  =      0.74722E-02g/sq.ft.
Mass sorbed           =      0.10937    g/sq.ft.

Since last printout at time =      11.50
               Change in Total Mass =    -0.34046E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29673E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.43043E-03g/sq.ft.
                    Diffusion in from water table =    -0.26774E-02g/sq.ft.
               Total inflow at boundaries =    -0.34046E-02g/sq.ft.
               Mass discrepancy =    -0.16880E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15745    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13387E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68809E-02g/sq.ft.
                    Diffusion in from water table =    -0.13718    g/sq.ft.
               Total inflow at boundaries =    -0.15745    g/sq.ft.
               Mass discrepancy =    -0.28033E-06g/sq.ft.


Polygon   5
At time =      12.50, total mass in vadose zone =    0.11889    g/sq.ft.
Mass in gas phase     =      0.51637E-02g/sq.ft.
Mass in liquid phase  =      0.72728E-02g/sq.ft.
Mass sorbed           =      0.10645    g/sq.ft.

Since last printout at time =      12.00
               Change in Total Mass =    -0.32591E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28050E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.43920E-03g/sq.ft.
                    Diffusion in from water table =    -0.25394E-02g/sq.ft.
               Total inflow at boundaries =    -0.32591E-02g/sq.ft.
               Mass discrepancy =     0.23865E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16071    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13668E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.73201E-02g/sq.ft.
                    Diffusion in from water table =    -0.13972    g/sq.ft.
               Total inflow at boundaries =    -0.16071    g/sq.ft.
               Mass discrepancy =    -0.28266E-06g/sq.ft.


Polygon   5
At time =      13.00, total mass in vadose zone =    0.11576    g/sq.ft.
Mass in gas phase     =      0.50280E-02g/sq.ft.
Mass in liquid phase  =      0.70817E-02g/sq.ft.
Mass sorbed           =      0.10365    g/sq.ft.

Since last printout at time =      12.50
               Change in Total Mass =    -0.31245E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26553E-03g/sq.ft.
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                    Diffusion in from atmosphere =     -0.44706E-03g/sq.ft.
                    Diffusion in from water table =    -0.24119E-02g/sq.ft.
               Total inflow at boundaries =    -0.31245E-02g/sq.ft.
               Mass discrepancy =    -0.72469E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16383    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13933E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.77672E-02g/sq.ft.
                    Diffusion in from water table =    -0.14213    g/sq.ft.
               Total inflow at boundaries =    -0.16383    g/sq.ft.
               Mass discrepancy =    -0.29942E-06g/sq.ft.


Polygon   5
At time =      13.50, total mass in vadose zone =    0.11276    g/sq.ft.
Mass in gas phase     =      0.48977E-02g/sq.ft.
Mass in liquid phase  =      0.68982E-02g/sq.ft.
Mass sorbed           =      0.10097    g/sq.ft.

Since last printout at time =      13.00
               Change in Total Mass =    -0.29996E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25173E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.45402E-03g/sq.ft.
                    Diffusion in from water table =    -0.22938E-02g/sq.ft.
               Total inflow at boundaries =    -0.29996E-02g/sq.ft.
               Mass discrepancy =    -0.44238E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16683    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14185E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.82212E-02g/sq.ft.
                    Diffusion in from water table =    -0.14442    g/sq.ft.
               Total inflow at boundaries =    -0.16683    g/sq.ft.
               Mass discrepancy =    -0.29709E-06g/sq.ft.


Polygon   5
At time =      14.00, total mass in vadose zone =    0.10988    g/sq.ft.
Mass in gas phase     =      0.47725E-02g/sq.ft.
Mass in liquid phase  =      0.67218E-02g/sq.ft.
Mass sorbed           =      0.98387E-01g/sq.ft.

Since last printout at time =      13.50
               Change in Total Mass =    -0.28835E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23897E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.46011E-03g/sq.ft.
                    Diffusion in from water table =    -0.21844E-02g/sq.ft.
               Total inflow at boundaries =    -0.28835E-02g/sq.ft.
               Mass discrepancy =    -0.32887E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.16971    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14424E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.86813E-02g/sq.ft.
                    Diffusion in from water table =    -0.14661    g/sq.ft.
               Total inflow at boundaries =    -0.16971    g/sq.ft.
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               Mass discrepancy =    -0.30268E-06g/sq.ft.


Polygon   5
At time =      14.50, total mass in vadose zone =    0.10711    g/sq.ft.
Mass in gas phase     =      0.46519E-02g/sq.ft.
Mass in liquid phase  =      0.65520E-02g/sq.ft.
Mass sorbed           =      0.95902E-01g/sq.ft.

Since last printout at time =      14.00
               Change in Total Mass =    -0.27754E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22717E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.46534E-03g/sq.ft.
                    Diffusion in from water table =    -0.20829E-02g/sq.ft.
               Total inflow at boundaries =    -0.27754E-02g/sq.ft.
               Mass discrepancy =    -0.29104E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17249    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14651E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.91466E-02g/sq.ft.
                    Diffusion in from water table =    -0.14869    g/sq.ft.
               Total inflow at boundaries =    -0.17249    g/sq.ft.
               Mass discrepancy =    -0.30361E-06g/sq.ft.


Polygon   5
At time =      15.00, total mass in vadose zone =    0.10443    g/sq.ft.
Mass in gas phase     =      0.45358E-02g/sq.ft.
Mass in liquid phase  =      0.63884E-02g/sq.ft.
Mass sorbed           =      0.93507E-01g/sq.ft.

Since last printout at time =      14.50
               Change in Total Mass =    -0.26744E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21624E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.46973E-03g/sq.ft.
                    Diffusion in from water table =    -0.19884E-02g/sq.ft.
               Total inflow at boundaries =    -0.26744E-02g/sq.ft.
               Mass discrepancy =     0.24884E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17516    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14867E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.96164E-02g/sq.ft.
                    Diffusion in from water table =    -0.15068    g/sq.ft.
               Total inflow at boundaries =    -0.17516    g/sq.ft.
               Mass discrepancy =    -0.29430E-06g/sq.ft.


Polygon   5
At time =      15.50, total mass in vadose zone =    0.10185    g/sq.ft.
Mass in gas phase     =      0.44237E-02g/sq.ft.
Mass in liquid phase  =      0.62306E-02g/sq.ft.
Mass sorbed           =      0.91197E-01g/sq.ft.

Since last printout at time =      15.00
               Change in Total Mass =    -0.25799E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.20609E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.47333E-03g/sq.ft.
                    Diffusion in from water table =    -0.19005E-02g/sq.ft.
               Total inflow at boundaries =    -0.25799E-02g/sq.ft.
               Mass discrepancy =    -0.46857E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.17774    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15073E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10090E-01g/sq.ft.
                    Diffusion in from water table =    -0.15258    g/sq.ft.
               Total inflow at boundaries =    -0.17774    g/sq.ft.
               Mass discrepancy =    -0.30920E-06g/sq.ft.


Polygon   5
At time =      16.00, total mass in vadose zone =    0.99360E-01g/sq.ft.
Mass in gas phase     =      0.43155E-02g/sq.ft.
Mass in liquid phase  =      0.60782E-02g/sq.ft.
Mass sorbed           =      0.88966E-01g/sq.ft.

Since last printout at time =      15.50
               Change in Total Mass =    -0.24913E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19666E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.47615E-03g/sq.ft.
                    Diffusion in from water table =    -0.18185E-02g/sq.ft.
               Total inflow at boundaries =    -0.24913E-02g/sq.ft.
               Mass discrepancy =    -0.86147E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18023    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15270E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10566E-01g/sq.ft.
                    Diffusion in from water table =    -0.15440    g/sq.ft.
               Total inflow at boundaries =    -0.18023    g/sq.ft.
               Mass discrepancy =    -0.33248E-06g/sq.ft.


Polygon   5
At time =      16.50, total mass in vadose zone =    0.96952E-01g/sq.ft.
Mass in gas phase     =      0.42109E-02g/sq.ft.
Mass in liquid phase  =      0.59309E-02g/sq.ft.
Mass sorbed           =      0.86810E-01g/sq.ft.

Since last printout at time =      16.00
               Change in Total Mass =    -0.24080E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18789E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.47824E-03g/sq.ft.
                    Diffusion in from water table =    -0.17418E-02g/sq.ft.
               Total inflow at boundaries =    -0.24080E-02g/sq.ft.
               Mass discrepancy =     0.21100E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18264    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15458E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11044E-01g/sq.ft.
                    Diffusion in from water table =    -0.15614    g/sq.ft.
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               Total inflow at boundaries =    -0.18264    g/sq.ft.
               Mass discrepancy =    -0.31292E-06g/sq.ft.


Polygon   5
At time =      17.00, total mass in vadose zone =    0.94622E-01g/sq.ft.
Mass in gas phase     =      0.41097E-02g/sq.ft.
Mass in liquid phase  =      0.57884E-02g/sq.ft.
Mass sorbed           =      0.84724E-01g/sq.ft.

Since last printout at time =      16.50
               Change in Total Mass =    -0.23295E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17971E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.47963E-03g/sq.ft.
                    Diffusion in from water table =    -0.16702E-02g/sq.ft.
               Total inflow at boundaries =    -0.23295E-02g/sq.ft.
               Mass discrepancy =    -0.12646E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18497    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15638E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11524E-01g/sq.ft.
                    Diffusion in from water table =    -0.15781    g/sq.ft.
               Total inflow at boundaries =    -0.18497    g/sq.ft.
               Mass discrepancy =    -0.31199E-06g/sq.ft.


Polygon   5
At time =      17.50, total mass in vadose zone =    0.92367E-01g/sq.ft.
Mass in gas phase     =      0.40118E-02g/sq.ft.
Mass in liquid phase  =      0.56504E-02g/sq.ft.
Mass sorbed           =      0.82705E-01g/sq.ft.

Since last printout at time =      17.00
               Change in Total Mass =    -0.22554E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17208E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.48035E-03g/sq.ft.
                    Diffusion in from water table =    -0.16030E-02g/sq.ft.
               Total inflow at boundaries =    -0.22554E-02g/sq.ft.
               Mass discrepancy =     0.11438E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18723    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15810E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12004E-01g/sq.ft.
                    Diffusion in from water table =    -0.15941    g/sq.ft.
               Total inflow at boundaries =    -0.18723    g/sq.ft.
               Mass discrepancy =    -0.29523E-06g/sq.ft.


Polygon   5
At time =      18.00, total mass in vadose zone =    0.90182E-01g/sq.ft.
Mass in gas phase     =      0.39169E-02g/sq.ft.
Mass in liquid phase  =      0.55167E-02g/sq.ft.
Mass sorbed           =      0.80748E-01g/sq.ft.

Since last printout at time =      17.50
               Change in Total Mass =    -0.21854E-02g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16494E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.48045E-03g/sq.ft.
                    Diffusion in from water table =    -0.15400E-02g/sq.ft.
               Total inflow at boundaries =    -0.21853E-02g/sq.ft.
               Mass discrepancy =    -0.15862E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.18941    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15975E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12485E-01g/sq.ft.
                    Diffusion in from water table =    -0.16095    g/sq.ft.
               Total inflow at boundaries =    -0.18941    g/sq.ft.
               Mass discrepancy =    -0.30734E-06g/sq.ft.


Polygon   5
At time =      18.50, total mass in vadose zone =    0.88063E-01g/sq.ft.
Mass in gas phase     =      0.38248E-02g/sq.ft.
Mass in liquid phase  =      0.53871E-02g/sq.ft.
Mass sorbed           =      0.78851E-01g/sq.ft.

Since last printout at time =      18.00
               Change in Total Mass =    -0.21189E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15825E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.47996E-03g/sq.ft.
                    Diffusion in from water table =    -0.14807E-02g/sq.ft.
               Total inflow at boundaries =    -0.21189E-02g/sq.ft.
               Mass discrepancy =    -0.77853E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19153    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16133E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12964E-01g/sq.ft.
                    Diffusion in from water table =    -0.16243    g/sq.ft.
               Total inflow at boundaries =    -0.19153    g/sq.ft.
               Mass discrepancy =    -0.32783E-06g/sq.ft.


Polygon   5
At time =      19.00, total mass in vadose zone =    0.86007E-01g/sq.ft.
Mass in gas phase     =      0.37355E-02g/sq.ft.
Mass in liquid phase  =      0.52613E-02g/sq.ft.
Mass sorbed           =      0.77010E-01g/sq.ft.

Since last printout at time =      18.50
               Change in Total Mass =    -0.20559E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15198E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.47892E-03g/sq.ft.
                    Diffusion in from water table =    -0.14250E-02g/sq.ft.
               Total inflow at boundaries =    -0.20559E-02g/sq.ft.
               Mass discrepancy =    -0.56752E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19359    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16285E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13443E-01g/sq.ft.
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                    Diffusion in from water table =    -0.16386    g/sq.ft.
               Total inflow at boundaries =    -0.19359    g/sq.ft.
               Mass discrepancy =    -0.33714E-06g/sq.ft.


Polygon   5
At time =      19.50, total mass in vadose zone =    0.84011E-01g/sq.ft.
Mass in gas phase     =      0.36488E-02g/sq.ft.
Mass in liquid phase  =      0.51392E-02g/sq.ft.
Mass sorbed           =      0.75223E-01g/sq.ft.

Since last printout at time =      19.00
               Change in Total Mass =    -0.19959E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14609E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.47736E-03g/sq.ft.
                    Diffusion in from water table =    -0.13725E-02g/sq.ft.
               Total inflow at boundaries =    -0.19959E-02g/sq.ft.
               Mass discrepancy =    -0.28376E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19558    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16431E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13921E-01g/sq.ft.
                    Diffusion in from water table =    -0.16523    g/sq.ft.
               Total inflow at boundaries =    -0.19558    g/sq.ft.
               Mass discrepancy =    -0.31292E-06g/sq.ft.


Polygon   5
At time =      20.00, total mass in vadose zone =    0.82072E-01g/sq.ft.
Mass in gas phase     =      0.35646E-02g/sq.ft.
Mass in liquid phase  =      0.50206E-02g/sq.ft.
Mass sorbed           =      0.73487E-01g/sq.ft.

Since last printout at time =      19.50
               Change in Total Mass =    -0.19388E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14055E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.47532E-03g/sq.ft.
                    Diffusion in from water table =    -0.13229E-02g/sq.ft.
               Total inflow at boundaries =    -0.19388E-02g/sq.ft.
               Mass discrepancy =     0.60827E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19752    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16572E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14396E-01g/sq.ft.
                    Diffusion in from water table =    -0.16655    g/sq.ft.
               Total inflow at boundaries =    -0.19752    g/sq.ft.
               Mass discrepancy =    -0.31665E-06g/sq.ft.


Polygon   5
At time =      20.50, total mass in vadose zone =    0.80188E-01g/sq.ft.
Mass in gas phase     =      0.34828E-02g/sq.ft.
Mass in liquid phase  =      0.49053E-02g/sq.ft.
Mass sorbed           =      0.71800E-01g/sq.ft.

Since last printout at time =      20.00
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               Change in Total Mass =    -0.18842E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13534E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.47284E-03g/sq.ft.
                    Diffusion in from water table =    -0.12761E-02g/sq.ft.
               Total inflow at boundaries =    -0.18842E-02g/sq.ft.
               Mass discrepancy =    -0.65193E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.19941    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16707E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14869E-01g/sq.ft.
                    Diffusion in from water table =    -0.16783    g/sq.ft.
               Total inflow at boundaries =    -0.19941    g/sq.ft.
               Mass discrepancy =    -0.30082E-06g/sq.ft.


Polygon   5
At time =      21.00, total mass in vadose zone =    0.78356E-01g/sq.ft.
Mass in gas phase     =      0.34032E-02g/sq.ft.
Mass in liquid phase  =      0.47933E-02g/sq.ft.
Mass sorbed           =      0.70159E-01g/sq.ft.

Since last printout at time =      20.50
               Change in Total Mass =    -0.18321E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13042E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.46995E-03g/sq.ft.
                    Diffusion in from water table =    -0.12317E-02g/sq.ft.
               Total inflow at boundaries =    -0.18321E-02g/sq.ft.
               Mass discrepancy =    -0.92405E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20124    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16837E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.15339E-01g/sq.ft.
                    Diffusion in from water table =    -0.16906    g/sq.ft.
               Total inflow at boundaries =    -0.20124    g/sq.ft.
               Mass discrepancy =    -0.30641E-06g/sq.ft.


Polygon   5
At time =      21.50, total mass in vadose zone =    0.76574E-01g/sq.ft.
Mass in gas phase     =      0.33258E-02g/sq.ft.
Mass in liquid phase  =      0.46843E-02g/sq.ft.
Mass sorbed           =      0.68564E-01g/sq.ft.

Since last printout at time =      21.00
               Change in Total Mass =    -0.17822E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12577E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.46667E-03g/sq.ft.
                    Diffusion in from water table =    -0.11898E-02g/sq.ft.
               Total inflow at boundaries =    -0.17822E-02g/sq.ft.
               Mass discrepancy =    -0.16298E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20302    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16963E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.15806E-01g/sq.ft.
                    Diffusion in from water table =    -0.17025    g/sq.ft.
               Total inflow at boundaries =    -0.20302    g/sq.ft.
               Mass discrepancy =    -0.28871E-06g/sq.ft.


Polygon   5
At time =      22.00, total mass in vadose zone =    0.74839E-01g/sq.ft.
Mass in gas phase     =      0.32505E-02g/sq.ft.
Mass in liquid phase  =      0.45782E-02g/sq.ft.
Mass sorbed           =      0.67011E-01g/sq.ft.

Since last printout at time =      21.50
               Change in Total Mass =    -0.17344E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12137E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.46306E-03g/sq.ft.
                    Diffusion in from water table =    -0.11500E-02g/sq.ft.
               Total inflow at boundaries =    -0.17344E-02g/sq.ft.
               Mass discrepancy =    -0.37980E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20476    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17085E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16269E-01g/sq.ft.
                    Diffusion in from water table =    -0.17140    g/sq.ft.
               Total inflow at boundaries =    -0.20476    g/sq.ft.
               Mass discrepancy =    -0.27753E-06g/sq.ft.


Polygon   5
At time =      22.50, total mass in vadose zone =    0.73151E-01g/sq.ft.
Mass in gas phase     =      0.31772E-02g/sq.ft.
Mass in liquid phase  =      0.44749E-02g/sq.ft.
Mass sorbed           =      0.65499E-01g/sq.ft.

Since last printout at time =      22.00
               Change in Total Mass =    -0.16885E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11721E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.45912E-03g/sq.ft.
                    Diffusion in from water table =    -0.11121E-02g/sq.ft.
               Total inflow at boundaries =    -0.16885E-02g/sq.ft.
               Mass discrepancy =    -0.41182E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20644    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17202E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16728E-01g/sq.ft.
                    Diffusion in from water table =    -0.17251    g/sq.ft.
               Total inflow at boundaries =    -0.20644    g/sq.ft.
               Mass discrepancy =    -0.28126E-06g/sq.ft.


Polygon   5
At time =      23.00, total mass in vadose zone =    0.71506E-01g/sq.ft.
Mass in gas phase     =      0.31057E-02g/sq.ft.
Mass in liquid phase  =      0.43743E-02g/sq.ft.
Mass sorbed           =      0.64026E-01g/sq.ft.
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```
Since last printout at time =      22.50
               Change in Total Mass =    -0.16444E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11327E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.45489E-03g/sq.ft.
                    Diffusion in from water table =    -0.10762E-02g/sq.ft.
               Total inflow at boundaries =    -0.16444E-02g/sq.ft.
               Mass discrepancy =    -0.67666E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20809    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17315E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.17183E-01g/sq.ft.
                    Diffusion in from water table =    -0.17359    g/sq.ft.
               Total inflow at boundaries =    -0.20809    g/sq.ft.
               Mass discrepancy =    -0.28871E-06g/sq.ft.


Polygon   5
At time =      23.50, total mass in vadose zone =    0.69904E-01g/sq.ft.
Mass in gas phase     =      0.30362E-02g/sq.ft.
Mass in liquid phase  =      0.42763E-02g/sq.ft.
Mass sorbed           =      0.62592E-01g/sq.ft.

Since last printout at time =      23.00
               Change in Total Mass =    -0.16019E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10952E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.45040E-03g/sq.ft.
                    Diffusion in from water table =    -0.10420E-02g/sq.ft.
               Total inflow at boundaries =    -0.16019E-02g/sq.ft.
               Mass discrepancy =    -0.39145E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20969    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17425E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.17633E-01g/sq.ft.
                    Diffusion in from water table =    -0.17463    g/sq.ft.
               Total inflow at boundaries =    -0.20969    g/sq.ft.
               Mass discrepancy =    -0.27195E-06g/sq.ft.


Polygon   5
At time =      24.00, total mass in vadose zone =    0.68343E-01g/sq.ft.
Mass in gas phase     =      0.29684E-02g/sq.ft.
Mass in liquid phase  =      0.41808E-02g/sq.ft.
Mass sorbed           =      0.61194E-01g/sq.ft.

Since last printout at time =      23.50
               Change in Total Mass =    -0.15611E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10596E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.44568E-03g/sq.ft.
                    Diffusion in from water table =    -0.10094E-02g/sq.ft.
               Total inflow at boundaries =    -0.15611E-02g/sq.ft.
               Mass discrepancy =     0.12078E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21125    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.17530E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.18079E-01g/sq.ft.
                    Diffusion in from water table =    -0.17564    g/sq.ft.
               Total inflow at boundaries =    -0.21125    g/sq.ft.
               Mass discrepancy =    -0.25518E-06g/sq.ft.


Polygon   5
At time =      24.50, total mass in vadose zone =    0.66822E-01g/sq.ft.
Mass in gas phase     =      0.29023E-02g/sq.ft.
Mass in liquid phase  =      0.40877E-02g/sq.ft.
Mass sorbed           =      0.59832E-01g/sq.ft.

Since last printout at time =      24.00
               Change in Total Mass =    -0.15217E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10258E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.44074E-03g/sq.ft.
                    Diffusion in from water table =    -0.97834E-03g/sq.ft.
               Total inflow at boundaries =    -0.15217E-02g/sq.ft.
               Mass discrepancy =     0.56752E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21277    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17633E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.18519E-01g/sq.ft.
                    Diffusion in from water table =    -0.17662    g/sq.ft.
               Total inflow at boundaries =    -0.21277    g/sq.ft.
               Mass discrepancy =    -0.26077E-06g/sq.ft.


Polygon   5
At time =      25.00, total mass in vadose zone =    0.65338E-01g/sq.ft.
Mass in gas phase     =      0.28378E-02g/sq.ft.
Mass in liquid phase  =      0.39969E-02g/sq.ft.
Mass sorbed           =      0.58503E-01g/sq.ft.

Since last printout at time =      24.50
               Change in Total Mass =    -0.14836E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99356E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.43561E-03g/sq.ft.
                    Diffusion in from water table =    -0.94867E-03g/sq.ft.
               Total inflow at boundaries =    -0.14836E-02g/sq.ft.
               Mass discrepancy =    -0.51950E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21426    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17732E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.18955E-01g/sq.ft.
                    Diffusion in from water table =    -0.17757    g/sq.ft.
               Total inflow at boundaries =    -0.21426    g/sq.ft.
               Mass discrepancy =    -0.25891E-06g/sq.ft.


Polygon   5
At time =      25.50, total mass in vadose zone =    0.63891E-01g/sq.ft.
Mass in gas phase     =      0.27750E-02g/sq.ft.
Mass in liquid phase  =      0.39084E-02g/sq.ft.
Mass sorbed           =      0.57208E-01g/sq.ft.
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```
Since last printout at time =      25.00
               Change in Total Mass =    -0.14469E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96282E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.43032E-03g/sq.ft.
                    Diffusion in from water table =    -0.92032E-03g/sq.ft.
               Total inflow at boundaries =    -0.14469E-02g/sq.ft.
               Mass discrepancy =     0.43656E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21570    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17829E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.19385E-01g/sq.ft.
                    Diffusion in from water table =    -0.17849    g/sq.ft.
               Total inflow at boundaries =    -0.21570    g/sq.ft.
               Mass discrepancy =    -0.25332E-06g/sq.ft.


Polygon   5
At time =      26.00, total mass in vadose zone =    0.62480E-01g/sq.ft.
Mass in gas phase     =      0.27137E-02g/sq.ft.
Mass in liquid phase  =      0.38221E-02g/sq.ft.
Mass sorbed           =      0.55944E-01g/sq.ft.

Since last printout at time =      25.50
               Change in Total Mass =    -0.14114E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.93349E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.42488E-03g/sq.ft.
                    Diffusion in from water table =    -0.89321E-03g/sq.ft.
               Total inflow at boundaries =    -0.14114E-02g/sq.ft.
               Mass discrepancy =    -0.55225E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21712    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17922E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.19810E-01g/sq.ft.
                    Diffusion in from water table =    -0.17938    g/sq.ft.
               Total inflow at boundaries =    -0.21711    g/sq.ft.
               Mass discrepancy =    -0.22911E-06g/sq.ft.


Polygon   5
At time =      26.50, total mass in vadose zone =    0.61103E-01g/sq.ft.
Mass in gas phase     =      0.26539E-02g/sq.ft.
Mass in liquid phase  =      0.37378E-02g/sq.ft.
Mass sorbed           =      0.54711E-01g/sq.ft.

Since last printout at time =      26.00
               Change in Total Mass =    -0.13771E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.90547E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.41931E-03g/sq.ft.
                    Diffusion in from water table =    -0.86724E-03g/sq.ft.
               Total inflow at boundaries =    -0.13771E-02g/sq.ft.
               Mass discrepancy =     0.21100E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21849    g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18013E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20230E-01g/sq.ft.
                    Diffusion in from water table =    -0.18025    g/sq.ft.
               Total inflow at boundaries =    -0.21849    g/sq.ft.
               Mass discrepancy =    -0.24028E-06g/sq.ft.


Polygon   5
At time =      27.00, total mass in vadose zone =    0.59759E-01g/sq.ft.
Mass in gas phase     =      0.25955E-02g/sq.ft.
Mass in liquid phase  =      0.36556E-02g/sq.ft.
Mass sorbed           =      0.53508E-01g/sq.ft.

Since last printout at time =      26.50
               Change in Total Mass =    -0.13439E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.87867E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.41363E-03g/sq.ft.
                    Diffusion in from water table =    -0.84237E-03g/sq.ft.
               Total inflow at boundaries =    -0.13439E-02g/sq.ft.
               Mass discrepancy =    -0.35507E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.21984    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18100E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20643E-01g/sq.ft.
                    Diffusion in from water table =    -0.18109    g/sq.ft.
               Total inflow at boundaries =    -0.21984    g/sq.ft.
               Mass discrepancy =    -0.24959E-06g/sq.ft.


Polygon   5
At time =      27.50, total mass in vadose zone =    0.58447E-01g/sq.ft.
Mass in gas phase     =      0.25385E-02g/sq.ft.
Mass in liquid phase  =      0.35754E-02g/sq.ft.
Mass sorbed           =      0.52333E-01g/sq.ft.

Since last printout at time =      27.00
               Change in Total Mass =    -0.13117E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.85303E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.40785E-03g/sq.ft.
                    Diffusion in from water table =    -0.81851E-03g/sq.ft.
               Total inflow at boundaries =    -0.13117E-02g/sq.ft.
               Mass discrepancy =     0.61118E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22115    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18186E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.21051E-01g/sq.ft.
                    Diffusion in from water table =    -0.18191    g/sq.ft.
               Total inflow at boundaries =    -0.22115    g/sq.ft.
               Mass discrepancy =    -0.23656E-06g/sq.ft.


Polygon   5
At time =      28.00, total mass in vadose zone =    0.57167E-01g/sq.ft.
Mass in gas phase     =      0.24829E-02g/sq.ft.
Mass in liquid phase  =      0.34971E-02g/sq.ft.
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Mass sorbed           =      0.51187E-01g/sq.ft.

Since last printout at time =      27.50
               Change in Total Mass =    -0.12805E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82846E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.40200E-03g/sq.ft.
                    Diffusion in from water table =    -0.79561E-03g/sq.ft.
               Total inflow at boundaries =    -0.12805E-02g/sq.ft.
               Mass discrepancy =    -0.21610E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22243    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18269E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.21453E-01g/sq.ft.
                    Diffusion in from water table =    -0.18271    g/sq.ft.
               Total inflow at boundaries =    -0.22243    g/sq.ft.
               Mass discrepancy =    -0.23283E-06g/sq.ft.


Polygon   5
At time =      28.50, total mass in vadose zone =    0.55916E-01g/sq.ft.
Mass in gas phase     =      0.24286E-02g/sq.ft.
Mass in liquid phase  =      0.34206E-02g/sq.ft.
Mass sorbed           =      0.50067E-01g/sq.ft.

Since last printout at time =      28.00
               Change in Total Mass =    -0.12502E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.80491E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.39608E-03g/sq.ft.
                    Diffusion in from water table =    -0.77361E-03g/sq.ft.
               Total inflow at boundaries =    -0.12502E-02g/sq.ft.
               Mass discrepancy =    -0.40964E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22368    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18349E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.21849E-01g/sq.ft.
                    Diffusion in from water table =    -0.18348    g/sq.ft.
               Total inflow at boundaries =    -0.22368    g/sq.ft.
               Mass discrepancy =    -0.24214E-06g/sq.ft.


Polygon   5
At time =      29.00, total mass in vadose zone =    0.54696E-01g/sq.ft.
Mass in gas phase     =      0.23756E-02g/sq.ft.
Mass in liquid phase  =      0.33459E-02g/sq.ft.
Mass sorbed           =      0.48974E-01g/sq.ft.

Since last printout at time =      28.50
               Change in Total Mass =    -0.12208E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.78231E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.39011E-03g/sq.ft.
                    Diffusion in from water table =    -0.75247E-03g/sq.ft.
               Total inflow at boundaries =    -0.12208E-02g/sq.ft.
               Mass discrepancy =    -0.14770E-08g/sq.ft.

Since beginning of run at time = 0.0
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               Change in Total Mass =    -0.22490    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18427E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.22239E-01g/sq.ft.
                    Diffusion in from water table =    -0.18423    g/sq.ft.
               Total inflow at boundaries =    -0.22490    g/sq.ft.
               Mass discrepancy =    -0.24587E-06g/sq.ft.


Polygon   5
At time =      29.50, total mass in vadose zone =    0.53503E-01g/sq.ft.
Mass in gas phase     =      0.23238E-02g/sq.ft.
Mass in liquid phase  =      0.32730E-02g/sq.ft.
Mass sorbed           =      0.47907E-01g/sq.ft.

Since last printout at time =      29.00
               Change in Total Mass =    -0.11923E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76061E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.38410E-03g/sq.ft.
                    Diffusion in from water table =    -0.73212E-03g/sq.ft.
               Total inflow at boundaries =    -0.11923E-02g/sq.ft.
               Mass discrepancy =    -0.53187E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22609    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18503E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.22623E-01g/sq.ft.
                    Diffusion in from water table =    -0.18496    g/sq.ft.
               Total inflow at boundaries =    -0.22609    g/sq.ft.
               Mass discrepancy =    -0.24959E-06g/sq.ft.


Polygon   5
At time =      30.00, total mass in vadose zone =    0.52339E-01g/sq.ft.
Mass in gas phase     =      0.22732E-02g/sq.ft.
Mass in liquid phase  =      0.32017E-02g/sq.ft.
Mass sorbed           =      0.46864E-01g/sq.ft.

Since last printout at time =      29.50
               Change in Total Mass =    -0.11646E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.73975E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.37807E-03g/sq.ft.
                    Diffusion in from water table =    -0.71254E-03g/sq.ft.
               Total inflow at boundaries =    -0.11646E-02g/sq.ft.
               Mass discrepancy =    -0.19791E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22726    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18577E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23001E-01g/sq.ft.
                    Diffusion in from water table =    -0.18568    g/sq.ft.
               Total inflow at boundaries =    -0.22726    g/sq.ft.
               Mass discrepancy =    -0.26263E-06g/sq.ft.


Polygon   5
At time =      30.50, total mass in vadose zone =    0.51201E-01g/sq.ft.
Mass in gas phase     =      0.22238E-02g/sq.ft.
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Mass in liquid phase  =      0.31321E-02g/sq.ft.
Mass sorbed           =      0.45845E-01g/sq.ft.

Since last printout at time =      30.00
               Change in Total Mass =    -0.11377E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71968E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.37202E-03g/sq.ft.
                    Diffusion in from water table =    -0.69367E-03g/sq.ft.
               Total inflow at boundaries =    -0.11377E-02g/sq.ft.
               Mass discrepancy =     0.30705E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22839    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18649E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23373E-01g/sq.ft.
                    Diffusion in from water table =    -0.18637    g/sq.ft.
               Total inflow at boundaries =    -0.22839    g/sq.ft.
               Mass discrepancy =    -0.26450E-06g/sq.ft.


Polygon   5
At time =      31.00, total mass in vadose zone =    0.50090E-01g/sq.ft.
Mass in gas phase     =      0.21755E-02g/sq.ft.
Mass in liquid phase  =      0.30641E-02g/sq.ft.
Mass sorbed           =      0.44850E-01g/sq.ft.

Since last printout at time =      30.50
               Change in Total Mass =    -0.11115E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.70037E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.36597E-03g/sq.ft.
                    Diffusion in from water table =    -0.67548E-03g/sq.ft.
               Total inflow at boundaries =    -0.11115E-02g/sq.ft.
               Mass discrepancy =    -0.10041E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.22951    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18719E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23739E-01g/sq.ft.
                    Diffusion in from water table =    -0.18705    g/sq.ft.
               Total inflow at boundaries =    -0.22951    g/sq.ft.
               Mass discrepancy =    -0.27381E-06g/sq.ft.


Polygon   5
At time =      31.50, total mass in vadose zone =    0.49004E-01g/sq.ft.
Mass in gas phase     =      0.21284E-02g/sq.ft.
Mass in liquid phase  =      0.29977E-02g/sq.ft.
Mass sorbed           =      0.43878E-01g/sq.ft.

Since last printout at time =      31.00
               Change in Total Mass =    -0.10860E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68177E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.35991E-03g/sq.ft.
                    Diffusion in from water table =    -0.65793E-03g/sq.ft.
               Total inflow at boundaries =    -0.10860E-02g/sq.ft.
               Mass discrepancy =    -0.38781E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23059    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18788E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24099E-01g/sq.ft.
                    Diffusion in from water table =    -0.18770    g/sq.ft.
               Total inflow at boundaries =    -0.23059    g/sq.ft.
               Mass discrepancy =    -0.27567E-06g/sq.ft.


Polygon   5
At time =      32.00, total mass in vadose zone =    0.47942E-01g/sq.ft.
Mass in gas phase     =      0.20823E-02g/sq.ft.
Mass in liquid phase  =      0.29328E-02g/sq.ft.
Mass sorbed           =      0.42927E-01g/sq.ft.

Since last printout at time =      31.50
               Change in Total Mass =    -0.10612E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.66384E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.35387E-03g/sq.ft.
                    Diffusion in from water table =    -0.64099E-03g/sq.ft.
               Total inflow at boundaries =    -0.10612E-02g/sq.ft.
               Mass discrepancy =    -0.86584E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23165    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18854E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24453E-01g/sq.ft.
                    Diffusion in from water table =    -0.18835    g/sq.ft.
               Total inflow at boundaries =    -0.23165    g/sq.ft.
               Mass discrepancy =    -0.26077E-06g/sq.ft.


Polygon   5
At time =      32.50, total mass in vadose zone =    0.46905E-01g/sq.ft.
Mass in gas phase     =      0.20372E-02g/sq.ft.
Mass in liquid phase  =      0.28693E-02g/sq.ft.
Mass sorbed           =      0.41999E-01g/sq.ft.

Since last printout at time =      32.00
               Change in Total Mass =    -0.10371E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64655E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.34785E-03g/sq.ft.
                    Diffusion in from water table =    -0.62463E-03g/sq.ft.
               Total inflow at boundaries =    -0.10371E-02g/sq.ft.
               Mass discrepancy =    -0.36380E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23269    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18919E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.24801E-01g/sq.ft.
                    Diffusion in from water table =    -0.18897    g/sq.ft.
               Total inflow at boundaries =    -0.23269    g/sq.ft.
               Mass discrepancy =    -0.25146E-06g/sq.ft.


Polygon   5
At time =      33.00, total mass in vadose zone =    0.45892E-01g/sq.ft.
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Mass in gas phase     =      0.19932E-02g/sq.ft.
Mass in liquid phase  =      0.28073E-02g/sq.ft.
Mass sorbed           =      0.41091E-01g/sq.ft.

Since last printout at time =      32.50
               Change in Total Mass =    -0.10137E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.62986E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.34185E-03g/sq.ft.
                    Diffusion in from water table =    -0.60882E-03g/sq.ft.
               Total inflow at boundaries =    -0.10137E-02g/sq.ft.
               Mass discrepancy =    -0.82146E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23370    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18982E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25143E-01g/sq.ft.
                    Diffusion in from water table =    -0.18958    g/sq.ft.
               Total inflow at boundaries =    -0.23370    g/sq.ft.
               Mass discrepancy =    -0.26263E-06g/sq.ft.


Polygon   5
At time =      33.50, total mass in vadose zone =    0.44901E-01g/sq.ft.
Mass in gas phase     =      0.19502E-02g/sq.ft.
Mass in liquid phase  =      0.27467E-02g/sq.ft.
Mass sorbed           =      0.40204E-01g/sq.ft.

Since last printout at time =      33.00
               Change in Total Mass =    -0.99079E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61374E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.33588E-03g/sq.ft.
                    Diffusion in from water table =    -0.59353E-03g/sq.ft.
               Total inflow at boundaries =    -0.99079E-03g/sq.ft.
               Mass discrepancy =     0.31359E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23469    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19043E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25479E-01g/sq.ft.
                    Diffusion in from water table =    -0.19017    g/sq.ft.
               Total inflow at boundaries =    -0.23469    g/sq.ft.
               Mass discrepancy =    -0.24959E-06g/sq.ft.


Polygon   5
At time =      34.00, total mass in vadose zone =    0.43932E-01g/sq.ft.
Mass in gas phase     =      0.19081E-02g/sq.ft.
Mass in liquid phase  =      0.26875E-02g/sq.ft.
Mass sorbed           =      0.39337E-01g/sq.ft.

Since last printout at time =      33.50
               Change in Total Mass =    -0.96852E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59817E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.32995E-03g/sq.ft.
                    Diffusion in from water table =    -0.57874E-03g/sq.ft.
               Total inflow at boundaries =    -0.96851E-03g/sq.ft.
               Mass discrepancy =    -0.32123E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23566    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19103E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25809E-01g/sq.ft.
                    Diffusion in from water table =    -0.19075    g/sq.ft.
               Total inflow at boundaries =    -0.23566    g/sq.ft.
               Mass discrepancy =    -0.26077E-06g/sq.ft.


Polygon   5
At time =      34.50, total mass in vadose zone =    0.42985E-01g/sq.ft.
Mass in gas phase     =      0.18670E-02g/sq.ft.
Mass in liquid phase  =      0.26296E-02g/sq.ft.
Mass sorbed           =      0.38489E-01g/sq.ft.

Since last printout at time =      34.00
               Change in Total Mass =    -0.94681E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.58312E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.32407E-03g/sq.ft.
                    Diffusion in from water table =    -0.56443E-03g/sq.ft.
               Total inflow at boundaries =    -0.94681E-03g/sq.ft.
               Mass discrepancy =    -0.32887E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23661    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19161E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26133E-01g/sq.ft.
                    Diffusion in from water table =    -0.19132    g/sq.ft.
               Total inflow at boundaries =    -0.23661    g/sq.ft.
               Mass discrepancy =    -0.26450E-06g/sq.ft.


Polygon   5
At time =      35.00, total mass in vadose zone =    0.42060E-01g/sq.ft.
Mass in gas phase     =      0.18268E-02g/sq.ft.
Mass in liquid phase  =      0.25729E-02g/sq.ft.
Mass sorbed           =      0.37660E-01g/sq.ft.

Since last printout at time =      34.50
               Change in Total Mass =    -0.92565E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56855E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31823E-03g/sq.ft.
                    Diffusion in from water table =    -0.55056E-03g/sq.ft.
               Total inflow at boundaries =    -0.92565E-03g/sq.ft.
               Mass discrepancy =    -0.60609E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23754    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19218E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26451E-01g/sq.ft.
                    Diffusion in from water table =    -0.19187    g/sq.ft.
               Total inflow at boundaries =    -0.23753    g/sq.ft.
               Mass discrepancy =    -0.26263E-06g/sq.ft.


Polygon   5
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At time =      35.50, total mass in vadose zone =    0.41155E-01g/sq.ft.
Mass in gas phase     =      0.17875E-02g/sq.ft.
Mass in liquid phase  =      0.25176E-02g/sq.ft.
Mass sorbed           =      0.36850E-01g/sq.ft.

Since last printout at time =      35.00
               Change in Total Mass =    -0.90501E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55446E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31244E-03g/sq.ft.
                    Diffusion in from water table =    -0.53713E-03g/sq.ft.
               Total inflow at boundaries =    -0.90502E-03g/sq.ft.
               Mass discrepancy =     0.34197E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23844    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19273E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.26763E-01g/sq.ft.
                    Diffusion in from water table =    -0.19240    g/sq.ft.
               Total inflow at boundaries =    -0.23844    g/sq.ft.
               Mass discrepancy =    -0.24959E-06g/sq.ft.


Polygon   5
At time =      36.00, total mass in vadose zone =    0.40270E-01g/sq.ft.
Mass in gas phase     =      0.17490E-02g/sq.ft.
Mass in liquid phase  =      0.24634E-02g/sq.ft.
Mass sorbed           =      0.36057E-01g/sq.ft.

Since last printout at time =      35.50
               Change in Total Mass =    -0.88491E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.54081E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.30671E-03g/sq.ft.
                    Diffusion in from water table =    -0.52411E-03g/sq.ft.
               Total inflow at boundaries =    -0.88490E-03g/sq.ft.
               Mass discrepancy =    -0.36634E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.23933    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19327E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27070E-01g/sq.ft.
                    Diffusion in from water table =    -0.19293    g/sq.ft.
               Total inflow at boundaries =    -0.23932    g/sq.ft.
               Mass discrepancy =    -0.26077E-06g/sq.ft.


Polygon   5
At time =      36.50, total mass in vadose zone =    0.39405E-01g/sq.ft.
Mass in gas phase     =      0.17115E-02g/sq.ft.
Mass in liquid phase  =      0.24105E-02g/sq.ft.
Mass sorbed           =      0.35283E-01g/sq.ft.

Since last printout at time =      36.00
               Change in Total Mass =    -0.86528E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52759E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.30104E-03g/sq.ft.
                    Diffusion in from water table =    -0.51148E-03g/sq.ft.
               Total inflow at boundaries =    -0.86528E-03g/sq.ft.
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               Mass discrepancy =     0.52751E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24019    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19380E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27371E-01g/sq.ft.
                    Diffusion in from water table =    -0.19344    g/sq.ft.
               Total inflow at boundaries =    -0.24019    g/sq.ft.
               Mass discrepancy =    -0.26077E-06g/sq.ft.


Polygon   5
At time =      37.00, total mass in vadose zone =    0.38558E-01g/sq.ft.
Mass in gas phase     =      0.16747E-02g/sq.ft.
Mass in liquid phase  =      0.23587E-02g/sq.ft.
Mass sorbed           =      0.34525E-01g/sq.ft.

Since last printout at time =      36.50
               Change in Total Mass =    -0.84614E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51478E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.29543E-03g/sq.ft.
                    Diffusion in from water table =    -0.49923E-03g/sq.ft.
               Total inflow at boundaries =    -0.84614E-03g/sq.ft.
               Mass discrepancy =    -0.36234E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24104    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19432E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27667E-01g/sq.ft.
                    Diffusion in from water table =    -0.19394    g/sq.ft.
               Total inflow at boundaries =    -0.24104    g/sq.ft.
               Mass discrepancy =    -0.26077E-06g/sq.ft.


Polygon   5
At time =      37.50, total mass in vadose zone =    0.37731E-01g/sq.ft.
Mass in gas phase     =      0.16388E-02g/sq.ft.
Mass in liquid phase  =      0.23081E-02g/sq.ft.
Mass sorbed           =      0.33784E-01g/sq.ft.

Since last printout at time =      37.00
               Change in Total Mass =    -0.82746E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50236E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28988E-03g/sq.ft.
                    Diffusion in from water table =    -0.48734E-03g/sq.ft.
               Total inflow at boundaries =    -0.82746E-03g/sq.ft.
               Mass discrepancy =     0.22701E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24186    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19482E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27956E-01g/sq.ft.
                    Diffusion in from water table =    -0.19443    g/sq.ft.
               Total inflow at boundaries =    -0.24186    g/sq.ft.
               Mass discrepancy =    -0.27195E-06g/sq.ft.
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```
Polygon   5
At time =      38.00, total mass in vadose zone =    0.36922E-01g/sq.ft.
Mass in gas phase     =      0.16036E-02g/sq.ft.
Mass in liquid phase  =      0.22586E-02g/sq.ft.
Mass sorbed           =      0.33060E-01g/sq.ft.

Since last printout at time =      37.50
               Change in Total Mass =    -0.80924E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49031E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28441E-03g/sq.ft.
                    Diffusion in from water table =    -0.47580E-03g/sq.ft.
               Total inflow at boundaries =    -0.80924E-03g/sq.ft.
               Mass discrepancy =    -0.36453E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24267    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19531E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28241E-01g/sq.ft.
                    Diffusion in from water table =    -0.19490    g/sq.ft.
               Total inflow at boundaries =    -0.24267    g/sq.ft.
               Mass discrepancy =    -0.26636E-06g/sq.ft.


Polygon   5
At time =      38.50, total mass in vadose zone =    0.36130E-01g/sq.ft.
Mass in gas phase     =      0.15692E-02g/sq.ft.
Mass in liquid phase  =      0.22102E-02g/sq.ft.
Mass sorbed           =      0.32351E-01g/sq.ft.

Since last printout at time =      38.00
               Change in Total Mass =    -0.79145E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47861E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.27900E-03g/sq.ft.
                    Diffusion in from water table =    -0.46459E-03g/sq.ft.
               Total inflow at boundaries =    -0.79145E-03g/sq.ft.
               Mass discrepancy =    -0.16626E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24346    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19579E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28520E-01g/sq.ft.
                    Diffusion in from water table =    -0.19537    g/sq.ft.
               Total inflow at boundaries =    -0.24346    g/sq.ft.
               Mass discrepancy =    -0.26636E-06g/sq.ft.


Polygon   5
At time =      39.00, total mass in vadose zone =    0.35356E-01g/sq.ft.
Mass in gas phase     =      0.15356E-02g/sq.ft.
Mass in liquid phase  =      0.21629E-02g/sq.ft.
Mass sorbed           =      0.31658E-01g/sq.ft.

Since last printout at time =      38.50
               Change in Total Mass =    -0.77408E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46726E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.27366E-03g/sq.ft.
                    Diffusion in from water table =    -0.45370E-03g/sq.ft.
```

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               Total inflow at boundaries =    -0.77408E-03g/sq.ft.
               Mass discrepancy =     0.27940E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24424    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19626E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28794E-01g/sq.ft.
                    Diffusion in from water table =    -0.19582    g/sq.ft.
               Total inflow at boundaries =    -0.24424    g/sq.ft.
               Mass discrepancy =    -0.25518E-06g/sq.ft.


Polygon   5
At time =      39.50, total mass in vadose zone =    0.34599E-01g/sq.ft.
Mass in gas phase     =      0.15027E-02g/sq.ft.
Mass in liquid phase  =      0.21165E-02g/sq.ft.
Mass sorbed           =      0.30980E-01g/sq.ft.

Since last printout at time =      39.00
               Change in Total Mass =    -0.75713E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45623E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26839E-03g/sq.ft.
                    Diffusion in from water table =    -0.44311E-03g/sq.ft.
               Total inflow at boundaries =    -0.75712E-03g/sq.ft.
               Mass discrepancy =    -0.30268E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24500    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19671E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29062E-01g/sq.ft.
                    Diffusion in from water table =    -0.19626    g/sq.ft.
               Total inflow at boundaries =    -0.24500    g/sq.ft.
               Mass discrepancy =    -0.28126E-06g/sq.ft.


Polygon   5
At time =      40.00, total mass in vadose zone =    0.33859E-01g/sq.ft.
Mass in gas phase     =      0.14706E-02g/sq.ft.
Mass in liquid phase  =      0.20712E-02g/sq.ft.
Mass sorbed           =      0.30317E-01g/sq.ft.

Since last printout at time =      39.50
               Change in Total Mass =    -0.74057E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44552E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26320E-03g/sq.ft.
                    Diffusion in from water table =    -0.43281E-03g/sq.ft.
               Total inflow at boundaries =    -0.74057E-03g/sq.ft.
               Mass discrepancy =    -0.10768E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24574    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19716E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29325E-01g/sq.ft.
                    Diffusion in from water table =    -0.19670    g/sq.ft.
               Total inflow at boundaries =    -0.24574    g/sq.ft.
               Mass discrepancy =    -0.27940E-06g/sq.ft.
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Polygon   5
At time =      40.50, total mass in vadose zone =    0.33134E-01g/sq.ft.
Mass in gas phase     =      0.14391E-02g/sq.ft.
Mass in liquid phase  =      0.20269E-02g/sq.ft.
Mass sorbed           =      0.29668E-01g/sq.ft.

Since last printout at time =      40.00
               Change in Total Mass =    -0.72440E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43511E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25808E-03g/sq.ft.
                    Diffusion in from water table =    -0.42280E-03g/sq.ft.
               Total inflow at boundaries =    -0.72440E-03g/sq.ft.
               Mass discrepancy =    -0.29067E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24646    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19759E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29583E-01g/sq.ft.
                    Diffusion in from water table =    -0.19712    g/sq.ft.
               Total inflow at boundaries =    -0.24646    g/sq.ft.
               Mass discrepancy =    -0.27940E-06g/sq.ft.


Polygon   5
At time =      41.00, total mass in vadose zone =    0.32426E-01g/sq.ft.
Mass in gas phase     =      0.14083E-02g/sq.ft.
Mass in liquid phase  =      0.19836E-02g/sq.ft.
Mass sorbed           =      0.29034E-01g/sq.ft.

Since last printout at time =      40.50
               Change in Total Mass =    -0.70861E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42499E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25304E-03g/sq.ft.
                    Diffusion in from water table =    -0.41306E-03g/sq.ft.
               Total inflow at boundaries =    -0.70861E-03g/sq.ft.
               Mass discrepancy =    -0.83310E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24717    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19802E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.29836E-01g/sq.ft.
                    Diffusion in from water table =    -0.19753    g/sq.ft.
               Total inflow at boundaries =    -0.24717    g/sq.ft.
               Mass discrepancy =    -0.28498E-06g/sq.ft.


Polygon   5
At time =      41.50, total mass in vadose zone =    0.31732E-01g/sq.ft.
Mass in gas phase     =      0.13782E-02g/sq.ft.
Mass in liquid phase  =      0.19412E-02g/sq.ft.
Mass sorbed           =      0.28413E-01g/sq.ft.

Since last printout at time =      41.00
               Change in Total Mass =    -0.69318E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41515E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24808E-03g/sq.ft.
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                    Diffusion in from water table =    -0.40359E-03g/sq.ft.
               Total inflow at boundaries =    -0.69318E-03g/sq.ft.
               Mass discrepancy =    -0.15680E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24786    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19843E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30084E-01g/sq.ft.
                    Diffusion in from water table =    -0.19793    g/sq.ft.
               Total inflow at boundaries =    -0.24786    g/sq.ft.
               Mass discrepancy =    -0.30361E-06g/sq.ft.


Polygon   5
At time =      42.00, total mass in vadose zone =    0.31054E-01g/sq.ft.
Mass in gas phase     =      0.13488E-02g/sq.ft.
Mass in liquid phase  =      0.18997E-02g/sq.ft.
Mass sorbed           =      0.27806E-01g/sq.ft.

Since last printout at time =      41.50
               Change in Total Mass =    -0.67811E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40557E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24319E-03g/sq.ft.
                    Diffusion in from water table =    -0.39436E-03g/sq.ft.
               Total inflow at boundaries =    -0.67811E-03g/sq.ft.
               Mass discrepancy =    -0.21864E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24854    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19884E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30328E-01g/sq.ft.
                    Diffusion in from water table =    -0.19833    g/sq.ft.
               Total inflow at boundaries =    -0.24854    g/sq.ft.
               Mass discrepancy =    -0.32037E-06g/sq.ft.


Polygon   5
At time =      42.50, total mass in vadose zone =    0.30391E-01g/sq.ft.
Mass in gas phase     =      0.13200E-02g/sq.ft.
Mass in liquid phase  =      0.18591E-02g/sq.ft.
Mass sorbed           =      0.27212E-01g/sq.ft.

Since last printout at time =      42.00
               Change in Total Mass =    -0.66338E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39626E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23838E-03g/sq.ft.
                    Diffusion in from water table =    -0.38538E-03g/sq.ft.
               Total inflow at boundaries =    -0.66338E-03g/sq.ft.
               Mass discrepancy =     0.60754E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24920    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19923E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30566E-01g/sq.ft.
                    Diffusion in from water table =    -0.19871    g/sq.ft.
               Total inflow at boundaries =    -0.24920    g/sq.ft.
               Mass discrepancy =    -0.33714E-06g/sq.ft.
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Polygon   5
At time =      43.00, total mass in vadose zone =    0.29742E-01g/sq.ft.
Mass in gas phase     =      0.12918E-02g/sq.ft.
Mass in liquid phase  =      0.18194E-02g/sq.ft.
Mass sorbed           =      0.26631E-01g/sq.ft.

Since last printout at time =      42.50
               Change in Total Mass =    -0.64900E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38719E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23364E-03g/sq.ft.
                    Diffusion in from water table =    -0.37663E-03g/sq.ft.
               Total inflow at boundaries =    -0.64899E-03g/sq.ft.
               Mass discrepancy =    -0.25175E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.24985    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19962E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30800E-01g/sq.ft.
                    Diffusion in from water table =    -0.19909    g/sq.ft.
               Total inflow at boundaries =    -0.24985    g/sq.ft.
               Mass discrepancy =    -0.32596E-06g/sq.ft.


Polygon   5
At time =      43.50, total mass in vadose zone =    0.29107E-01g/sq.ft.
Mass in gas phase     =      0.12642E-02g/sq.ft.
Mass in liquid phase  =      0.17806E-02g/sq.ft.
Mass sorbed           =      0.26062E-01g/sq.ft.

Since last printout at time =      43.00
               Change in Total Mass =    -0.63493E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37836E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22899E-03g/sq.ft.
                    Diffusion in from water table =    -0.36811E-03g/sq.ft.
               Total inflow at boundaries =    -0.63493E-03g/sq.ft.
               Mass discrepancy =    -0.17681E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25049    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20000E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31029E-01g/sq.ft.
                    Diffusion in from water table =    -0.19946    g/sq.ft.
               Total inflow at boundaries =    -0.25049    g/sq.ft.
               Mass discrepancy =    -0.33155E-06g/sq.ft.


Polygon   5
At time =      44.00, total mass in vadose zone =    0.28486E-01g/sq.ft.
Mass in gas phase     =      0.12372E-02g/sq.ft.
Mass in liquid phase  =      0.17426E-02g/sq.ft.
Mass sorbed           =      0.25506E-01g/sq.ft.

Since last printout at time =      43.50
               Change in Total Mass =    -0.62119E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36977E-04g/sq.ft.
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                    Diffusion in from atmosphere =     -0.22441E-03g/sq.ft.
                    Diffusion in from water table =    -0.35980E-03g/sq.ft.
               Total inflow at boundaries =    -0.62119E-03g/sq.ft.
               Mass discrepancy =    -0.30195E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25111    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20037E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31253E-01g/sq.ft.
                    Diffusion in from water table =    -0.19982    g/sq.ft.
               Total inflow at boundaries =    -0.25111    g/sq.ft.
               Mass discrepancy =    -0.34645E-06g/sq.ft.


Polygon   5
At time =      44.50, total mass in vadose zone =    0.27878E-01g/sq.ft.
Mass in gas phase     =      0.12108E-02g/sq.ft.
Mass in liquid phase  =      0.17054E-02g/sq.ft.
Mass sorbed           =      0.24962E-01g/sq.ft.

Since last printout at time =      44.00
               Change in Total Mass =    -0.60776E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36139E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21991E-03g/sq.ft.
                    Diffusion in from water table =    -0.35171E-03g/sq.ft.
               Total inflow at boundaries =    -0.60776E-03g/sq.ft.
               Mass discrepancy =    -0.78217E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25172    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20073E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31473E-01g/sq.ft.
                    Diffusion in from water table =    -0.20017    g/sq.ft.
               Total inflow at boundaries =    -0.25172    g/sq.ft.
               Mass discrepancy =    -0.33900E-06g/sq.ft.


Polygon   5
At time =      45.00, total mass in vadose zone =    0.27283E-01g/sq.ft.
Mass in gas phase     =      0.11850E-02g/sq.ft.
Mass in liquid phase  =      0.16690E-02g/sq.ft.
Mass sorbed           =      0.24429E-01g/sq.ft.

Since last printout at time =      44.50
               Change in Total Mass =    -0.59463E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35323E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21549E-03g/sq.ft.
                    Diffusion in from water table =    -0.34383E-03g/sq.ft.
               Total inflow at boundaries =    -0.59463E-03g/sq.ft.
               Mass discrepancy =    -0.10186E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25231    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20108E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31688E-01g/sq.ft.
                    Diffusion in from water table =    -0.20051    g/sq.ft.
               Total inflow at boundaries =    -0.25231    g/sq.ft.
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               Mass discrepancy =    -0.34831E-06g/sq.ft.


Polygon   5
At time =      45.50, total mass in vadose zone =    0.26702E-01g/sq.ft.
Mass in gas phase     =      0.11597E-02g/sq.ft.
Mass in liquid phase  =      0.16334E-02g/sq.ft.
Mass sorbed           =      0.23908E-01g/sq.ft.

Since last printout at time =      45.00
               Change in Total Mass =    -0.58180E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34528E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21114E-03g/sq.ft.
                    Diffusion in from water table =    -0.33614E-03g/sq.ft.
               Total inflow at boundaries =    -0.58180E-03g/sq.ft.
               Mass discrepancy =     0.13752E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25289    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20143E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.31899E-01g/sq.ft.
                    Diffusion in from water table =    -0.20085    g/sq.ft.
               Total inflow at boundaries =    -0.25289    g/sq.ft.
               Mass discrepancy =    -0.35763E-06g/sq.ft.


Polygon   5
At time =      46.00, total mass in vadose zone =    0.26132E-01g/sq.ft.
Mass in gas phase     =      0.11350E-02g/sq.ft.
Mass in liquid phase  =      0.15986E-02g/sq.ft.
Mass sorbed           =      0.23399E-01g/sq.ft.

Since last printout at time =      45.50
               Change in Total Mass =    -0.56926E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33753E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20687E-03g/sq.ft.
                    Diffusion in from water table =    -0.32864E-03g/sq.ft.
               Total inflow at boundaries =    -0.56926E-03g/sq.ft.
               Mass discrepancy =    -0.32742E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25346    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20177E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32106E-01g/sq.ft.
                    Diffusion in from water table =    -0.20118    g/sq.ft.
               Total inflow at boundaries =    -0.25346    g/sq.ft.
               Mass discrepancy =    -0.35018E-06g/sq.ft.


Polygon   5
At time =      46.50, total mass in vadose zone =    0.25575E-01g/sq.ft.
Mass in gas phase     =      0.11108E-02g/sq.ft.
Mass in liquid phase  =      0.15645E-02g/sq.ft.
Mass sorbed           =      0.22900E-01g/sq.ft.

Since last printout at time =      46.00
               Change in Total Mass =    -0.55700E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.32998E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20267E-03g/sq.ft.
                    Diffusion in from water table =    -0.32132E-03g/sq.ft.
               Total inflow at boundaries =    -0.55699E-03g/sq.ft.
               Mass discrepancy =    -0.22192E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25402    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20210E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32309E-01g/sq.ft.
                    Diffusion in from water table =    -0.20150    g/sq.ft.
               Total inflow at boundaries =    -0.25402    g/sq.ft.
               Mass discrepancy =    -0.35204E-06g/sq.ft.


Polygon   5
At time =      47.00, total mass in vadose zone =    0.25030E-01g/sq.ft.
Mass in gas phase     =      0.10871E-02g/sq.ft.
Mass in liquid phase  =      0.15312E-02g/sq.ft.
Mass sorbed           =      0.22412E-01g/sq.ft.

Since last printout at time =      46.50
               Change in Total Mass =    -0.54500E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32261E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19855E-03g/sq.ft.
                    Diffusion in from water table =    -0.31419E-03g/sq.ft.
               Total inflow at boundaries =    -0.54500E-03g/sq.ft.
               Mass discrepancy =    -0.11605E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25456    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20242E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32508E-01g/sq.ft.
                    Diffusion in from water table =    -0.20181    g/sq.ft.
               Total inflow at boundaries =    -0.25456    g/sq.ft.
               Mass discrepancy =    -0.35763E-06g/sq.ft.


Polygon   5
At time =      47.50, total mass in vadose zone =    0.24497E-01g/sq.ft.
Mass in gas phase     =      0.10640E-02g/sq.ft.
Mass in liquid phase  =      0.14986E-02g/sq.ft.
Mass sorbed           =      0.21934E-01g/sq.ft.

Since last printout at time =      47.00
               Change in Total Mass =    -0.53328E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31543E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19451E-03g/sq.ft.
                    Diffusion in from water table =    -0.30723E-03g/sq.ft.
               Total inflow at boundaries =    -0.53328E-03g/sq.ft.
               Mass discrepancy =    -0.34488E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25510    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20274E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32702E-01g/sq.ft.
                    Diffusion in from water table =    -0.20212    g/sq.ft.
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               Total inflow at boundaries =    -0.25510    g/sq.ft.
               Mass discrepancy =    -0.35577E-06g/sq.ft.


Polygon   5
At time =      48.00, total mass in vadose zone =    0.23975E-01g/sq.ft.
Mass in gas phase     =      0.10413E-02g/sq.ft.
Mass in liquid phase  =      0.14666E-02g/sq.ft.
Mass sorbed           =      0.21467E-01g/sq.ft.

Since last printout at time =      47.50
               Change in Total Mass =    -0.52182E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30842E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19054E-03g/sq.ft.
                    Diffusion in from water table =    -0.30044E-03g/sq.ft.
               Total inflow at boundaries =    -0.52182E-03g/sq.ft.
               Mass discrepancy =    -0.26885E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25562    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20304E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32893E-01g/sq.ft.
                    Diffusion in from water table =    -0.20242    g/sq.ft.
               Total inflow at boundaries =    -0.25562    g/sq.ft.
               Mass discrepancy =    -0.37439E-06g/sq.ft.


Polygon   5
At time =      48.50, total mass in vadose zone =    0.23465E-01g/sq.ft.
Mass in gas phase     =      0.10191E-02g/sq.ft.
Mass in liquid phase  =      0.14354E-02g/sq.ft.
Mass sorbed           =      0.21010E-01g/sq.ft.

Since last printout at time =      48.00
               Change in Total Mass =    -0.51060E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30158E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18664E-03g/sq.ft.
                    Diffusion in from water table =    -0.29381E-03g/sq.ft.
               Total inflow at boundaries =    -0.51061E-03g/sq.ft.
               Mass discrepancy =     0.41309E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25613    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20335E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33079E-01g/sq.ft.
                    Diffusion in from water table =    -0.20272    g/sq.ft.
               Total inflow at boundaries =    -0.25613    g/sq.ft.
               Mass discrepancy =    -0.37812E-06g/sq.ft.


Polygon   5
At time =      49.00, total mass in vadose zone =    0.22965E-01g/sq.ft.
Mass in gas phase     =      0.99744E-03g/sq.ft.
Mass in liquid phase  =      0.14048E-02g/sq.ft.
Mass sorbed           =      0.20563E-01g/sq.ft.

Since last printout at time =      48.50
               Change in Total Mass =    -0.49965E-03g/sq.ft.
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```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29491E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18281E-03g/sq.ft.
                    Diffusion in from water table =    -0.28734E-03g/sq.ft.
               Total inflow at boundaries =    -0.49964E-03g/sq.ft.
               Mass discrepancy =    -0.40109E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25663    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20364E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33262E-01g/sq.ft.
                    Diffusion in from water table =    -0.20300    g/sq.ft.
               Total inflow at boundaries =    -0.25663    g/sq.ft.
               Mass discrepancy =    -0.37998E-06g/sq.ft.


Polygon   5
At time =      49.50, total mass in vadose zone =    0.22476E-01g/sq.ft.
Mass in gas phase     =      0.97620E-03g/sq.ft.
Mass in liquid phase  =      0.13749E-02g/sq.ft.
Mass sorbed           =      0.20125E-01g/sq.ft.

Since last printout at time =      49.00
               Change in Total Mass =    -0.48892E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28840E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17906E-03g/sq.ft.
                    Diffusion in from water table =    -0.28102E-03g/sq.ft.
               Total inflow at boundaries =    -0.48892E-03g/sq.ft.
               Mass discrepancy =     0.38744E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25712    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20393E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33441E-01g/sq.ft.
                    Diffusion in from water table =    -0.20328    g/sq.ft.
               Total inflow at boundaries =    -0.25712    g/sq.ft.
               Mass discrepancy =    -0.38370E-06g/sq.ft.


Polygon   5
At time =      50.00, total mass in vadose zone =    0.21998E-01g/sq.ft.
Mass in gas phase     =      0.95542E-03g/sq.ft.
Mass in liquid phase  =      0.13457E-02g/sq.ft.
Mass sorbed           =      0.19697E-01g/sq.ft.

Since last printout at time =      49.50
               Change in Total Mass =    -0.47844E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28205E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17537E-03g/sq.ft.
                    Diffusion in from water table =    -0.27486E-03g/sq.ft.
               Total inflow at boundaries =    -0.47844E-03g/sq.ft.
               Mass discrepancy =    -0.14734E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25760    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20421E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33616E-01g/sq.ft.
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                    Diffusion in from water table =    -0.20356    g/sq.ft.
               Total inflow at boundaries =    -0.25760    g/sq.ft.
               Mass discrepancy =    -0.39488E-06g/sq.ft.


Polygon   5
At time =      50.50, total mass in vadose zone =    0.21529E-01g/sq.ft.
Mass in gas phase     =      0.93509E-03g/sq.ft.
Mass in liquid phase  =      0.13170E-02g/sq.ft.
Mass sorbed           =      0.19277E-01g/sq.ft.

Since last printout at time =      50.00
               Change in Total Mass =    -0.46819E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27585E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17176E-03g/sq.ft.
                    Diffusion in from water table =    -0.26884E-03g/sq.ft.
               Total inflow at boundaries =    -0.46818E-03g/sq.ft.
               Mass discrepancy =    -0.21519E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25807    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20449E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33788E-01g/sq.ft.
                    Diffusion in from water table =    -0.20383    g/sq.ft.
               Total inflow at boundaries =    -0.25807    g/sq.ft.
               Mass discrepancy =    -0.41723E-06g/sq.ft.


Polygon   5
At time =      51.00, total mass in vadose zone =    0.21071E-01g/sq.ft.
Mass in gas phase     =      0.91519E-03g/sq.ft.
Mass in liquid phase  =      0.12890E-02g/sq.ft.
Mass sorbed           =      0.18867E-01g/sq.ft.

Since last printout at time =      50.50
               Change in Total Mass =    -0.45815E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26979E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16822E-03g/sq.ft.
                    Diffusion in from water table =    -0.26296E-03g/sq.ft.
               Total inflow at boundaries =    -0.45815E-03g/sq.ft.
               Mass discrepancy =     0.34743E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25852    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20476E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.33956E-01g/sq.ft.
                    Diffusion in from water table =    -0.20409    g/sq.ft.
               Total inflow at boundaries =    -0.25852    g/sq.ft.
               Mass discrepancy =    -0.41164E-06g/sq.ft.


Polygon   5
At time =      51.50, total mass in vadose zone =    0.20623E-01g/sq.ft.
Mass in gas phase     =      0.89571E-03g/sq.ft.
Mass in liquid phase  =      0.12616E-02g/sq.ft.
Mass sorbed           =      0.18466E-01g/sq.ft.

Since last printout at time =      51.00
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               Change in Total Mass =    -0.44834E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26388E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16474E-03g/sq.ft.
                    Diffusion in from water table =    -0.25722E-03g/sq.ft.
               Total inflow at boundaries =    -0.44834E-03g/sq.ft.
               Mass discrepancy =     0.70213E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25897    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20502E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34121E-01g/sq.ft.
                    Diffusion in from water table =    -0.20435    g/sq.ft.
               Total inflow at boundaries =    -0.25897    g/sq.ft.
               Mass discrepancy =    -0.41537E-06g/sq.ft.


Polygon   5
At time =      52.00, total mass in vadose zone =    0.20184E-01g/sq.ft.
Mass in gas phase     =      0.87666E-03g/sq.ft.
Mass in liquid phase  =      0.12347E-02g/sq.ft.
Mass sorbed           =      0.18073E-01g/sq.ft.

Since last printout at time =      51.50
               Change in Total Mass =    -0.43875E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25811E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16133E-03g/sq.ft.
                    Diffusion in from water table =    -0.25161E-03g/sq.ft.
               Total inflow at boundaries =    -0.43875E-03g/sq.ft.
               Mass discrepancy =    -0.57844E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25941    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20528E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34283E-01g/sq.ft.
                    Diffusion in from water table =    -0.20460    g/sq.ft.
               Total inflow at boundaries =    -0.25941    g/sq.ft.
               Mass discrepancy =    -0.42096E-06g/sq.ft.


Polygon   5
At time =      52.50, total mass in vadose zone =    0.19755E-01g/sq.ft.
Mass in gas phase     =      0.85801E-03g/sq.ft.
Mass in liquid phase  =      0.12085E-02g/sq.ft.
Mass sorbed           =      0.17688E-01g/sq.ft.

Since last printout at time =      52.00
               Change in Total Mass =    -0.42936E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25247E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15799E-03g/sq.ft.
                    Diffusion in from water table =    -0.24613E-03g/sq.ft.
               Total inflow at boundaries =    -0.42936E-03g/sq.ft.
               Mass discrepancy =    -0.29868E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25984    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20553E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.34441E-01g/sq.ft.
                    Diffusion in from water table =    -0.20485    g/sq.ft.
               Total inflow at boundaries =    -0.25984    g/sq.ft.
               Mass discrepancy =    -0.42841E-06g/sq.ft.


Polygon   5
At time =      53.00, total mass in vadose zone =    0.19335E-01g/sq.ft.
Mass in gas phase     =      0.83976E-03g/sq.ft.
Mass in liquid phase  =      0.11828E-02g/sq.ft.
Mass sorbed           =      0.17312E-01g/sq.ft.

Since last printout at time =      52.50
               Change in Total Mass =    -0.42018E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24696E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15471E-03g/sq.ft.
                    Diffusion in from water table =    -0.24077E-03g/sq.ft.
               Total inflow at boundaries =    -0.42018E-03g/sq.ft.
               Mass discrepancy =     0.17426E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26026    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20578E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34595E-01g/sq.ft.
                    Diffusion in from water table =    -0.20509    g/sq.ft.
               Total inflow at boundaries =    -0.26026    g/sq.ft.
               Mass discrepancy =    -0.43027E-06g/sq.ft.


Polygon   5
At time =      53.50, total mass in vadose zone =    0.18923E-01g/sq.ft.
Mass in gas phase     =      0.82190E-03g/sq.ft.
Mass in liquid phase  =      0.11576E-02g/sq.ft.
Mass sorbed           =      0.16944E-01g/sq.ft.

Since last printout at time =      53.00
               Change in Total Mass =    -0.41120E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24158E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15150E-03g/sq.ft.
                    Diffusion in from water table =    -0.23554E-03g/sq.ft.
               Total inflow at boundaries =    -0.41120E-03g/sq.ft.
               Mass discrepancy =    -0.23410E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26067    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20602E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34747E-01g/sq.ft.
                    Diffusion in from water table =    -0.20532    g/sq.ft.
               Total inflow at boundaries =    -0.26067    g/sq.ft.
               Mass discrepancy =    -0.45076E-06g/sq.ft.


Polygon   5
At time =      54.00, total mass in vadose zone =    0.18521E-01g/sq.ft.
Mass in gas phase     =      0.80442E-03g/sq.ft.
Mass in liquid phase  =      0.11330E-02g/sq.ft.
Mass sorbed           =      0.16584E-01g/sq.ft.
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```
Since last printout at time =      53.50
               Change in Total Mass =    -0.40241E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23632E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14835E-03g/sq.ft.
                    Diffusion in from water table =    -0.23043E-03g/sq.ft.
               Total inflow at boundaries =    -0.40241E-03g/sq.ft.
               Mass discrepancy =     0.63665E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26107    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20626E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34895E-01g/sq.ft.
                    Diffusion in from water table =    -0.20555    g/sq.ft.
               Total inflow at boundaries =    -0.26107    g/sq.ft.
               Mass discrepancy =    -0.44703E-06g/sq.ft.


Polygon   5
At time =      54.50, total mass in vadose zone =    0.18127E-01g/sq.ft.
Mass in gas phase     =      0.78732E-03g/sq.ft.
Mass in liquid phase  =      0.11089E-02g/sq.ft.
Mass sorbed           =      0.16231E-01g/sq.ft.

Since last printout at time =      54.00
               Change in Total Mass =    -0.39382E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23119E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14526E-03g/sq.ft.
                    Diffusion in from water table =    -0.22544E-03g/sq.ft.
               Total inflow at boundaries =    -0.39381E-03g/sq.ft.
               Mass discrepancy =    -0.30832E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26147    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20649E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35040E-01g/sq.ft.
                    Diffusion in from water table =    -0.20578    g/sq.ft.
               Total inflow at boundaries =    -0.26147    g/sq.ft.
               Mass discrepancy =    -0.43400E-06g/sq.ft.


Polygon   5
At time =      55.00, total mass in vadose zone =    0.17742E-01g/sq.ft.
Mass in gas phase     =      0.77058E-03g/sq.ft.
Mass in liquid phase  =      0.10853E-02g/sq.ft.
Mass sorbed           =      0.15886E-01g/sq.ft.

Since last printout at time =      54.50
               Change in Total Mass =    -0.38541E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22617E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14223E-03g/sq.ft.
                    Diffusion in from water table =    -0.22056E-03g/sq.ft.
               Total inflow at boundaries =    -0.38540E-03g/sq.ft.
               Mass discrepancy =    -0.10496E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26185    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.20671E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35183E-01g/sq.ft.
                    Diffusion in from water table =    -0.20600    g/sq.ft.
               Total inflow at boundaries =    -0.26185    g/sq.ft.
               Mass discrepancy =    -0.43772E-06g/sq.ft.


Polygon   5
At time =      55.50, total mass in vadose zone =    0.17365E-01g/sq.ft.
Mass in gas phase     =      0.75420E-03g/sq.ft.
Mass in liquid phase  =      0.10622E-02g/sq.ft.
Mass sorbed           =      0.15548E-01g/sq.ft.

Since last printout at time =      55.00
               Change in Total Mass =    -0.37718E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22127E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13926E-03g/sq.ft.
                    Diffusion in from water table =    -0.21579E-03g/sq.ft.
               Total inflow at boundaries =    -0.37718E-03g/sq.ft.
               Mass discrepancy =     0.55479E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26223    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20693E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35322E-01g/sq.ft.
                    Diffusion in from water table =    -0.20621    g/sq.ft.
               Total inflow at boundaries =    -0.26223    g/sq.ft.
               Mass discrepancy =    -0.44145E-06g/sq.ft.


Polygon   5
At time =      56.00, total mass in vadose zone =    0.16995E-01g/sq.ft.
Mass in gas phase     =      0.73816E-03g/sq.ft.
Mass in liquid phase  =      0.10397E-02g/sq.ft.
Mass sorbed           =      0.15218E-01g/sq.ft.

Since last printout at time =      55.50
               Change in Total Mass =    -0.36913E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21647E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13636E-03g/sq.ft.
                    Diffusion in from water table =    -0.21112E-03g/sq.ft.
               Total inflow at boundaries =    -0.36913E-03g/sq.ft.
               Mass discrepancy =    -0.48567E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26260    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20715E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35458E-01g/sq.ft.
                    Diffusion in from water table =    -0.20643    g/sq.ft.
               Total inflow at boundaries =    -0.26260    g/sq.ft.
               Mass discrepancy =    -0.44517E-06g/sq.ft.


Polygon   5
At time =      56.50, total mass in vadose zone =    0.16634E-01g/sq.ft.
Mass in gas phase     =      0.72247E-03g/sq.ft.
Mass in liquid phase  =      0.10176E-02g/sq.ft.
Mass sorbed           =      0.14894E-01g/sq.ft.
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Since last printout at time =      56.00
               Change in Total Mass =    -0.36125E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21179E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13351E-03g/sq.ft.
                    Diffusion in from water table =    -0.20657E-03g/sq.ft.
               Total inflow at boundaries =    -0.36125E-03g/sq.ft.
               Mass discrepancy =    -0.76943E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26296    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20736E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35592E-01g/sq.ft.
                    Diffusion in from water table =    -0.20663    g/sq.ft.
               Total inflow at boundaries =    -0.26296    g/sq.ft.
               Mass discrepancy =    -0.40792E-06g/sq.ft.


Polygon   5
At time =      57.00, total mass in vadose zone =    0.16281E-01g/sq.ft.
Mass in gas phase     =      0.70712E-03g/sq.ft.
Mass in liquid phase  =      0.99594E-03g/sq.ft.
Mass sorbed           =      0.14578E-01g/sq.ft.

Since last printout at time =      56.50
               Change in Total Mass =    -0.35355E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20721E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13072E-03g/sq.ft.
                    Diffusion in from water table =    -0.20211E-03g/sq.ft.
               Total inflow at boundaries =    -0.35355E-03g/sq.ft.
               Mass discrepancy =    -0.44747E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26331    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20757E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35722E-01g/sq.ft.
                    Diffusion in from water table =    -0.20683    g/sq.ft.
               Total inflow at boundaries =    -0.26331    g/sq.ft.
               Mass discrepancy =    -0.38184E-06g/sq.ft.


Polygon   5
At time =      57.50, total mass in vadose zone =    0.15935E-01g/sq.ft.
Mass in gas phase     =      0.69209E-03g/sq.ft.
Mass in liquid phase  =      0.97477E-03g/sq.ft.
Mass sorbed           =      0.14268E-01g/sq.ft.

Since last printout at time =      57.00
               Change in Total Mass =    -0.34601E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20274E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12798E-03g/sq.ft.
                    Diffusion in from water table =    -0.19775E-03g/sq.ft.
               Total inflow at boundaries =    -0.34601E-03g/sq.ft.
               Mass discrepancy =    -0.15079E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26366    g/sq.ft.
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```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20777E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35850E-01g/sq.ft.
                    Diffusion in from water table =    -0.20703    g/sq.ft.
               Total inflow at boundaries =    -0.26366    g/sq.ft.
               Mass discrepancy =    -0.38184E-06g/sq.ft.


Polygon   5
At time =      58.00, total mass in vadose zone =    0.15596E-01g/sq.ft.
Mass in gas phase     =      0.67738E-03g/sq.ft.
Mass in liquid phase  =      0.95406E-03g/sq.ft.
Mass sorbed           =      0.13965E-01g/sq.ft.

Since last printout at time =      57.50
               Change in Total Mass =    -0.33863E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19836E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12530E-03g/sq.ft.
                    Diffusion in from water table =    -0.19349E-03g/sq.ft.
               Total inflow at boundaries =    -0.33863E-03g/sq.ft.
               Mass discrepancy =    -0.20391E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26400    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20797E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35976E-01g/sq.ft.
                    Diffusion in from water table =    -0.20723    g/sq.ft.
               Total inflow at boundaries =    -0.26400    g/sq.ft.
               Mass discrepancy =    -0.38370E-06g/sq.ft.


Polygon   5
At time =      58.50, total mass in vadose zone =    0.15265E-01g/sq.ft.
Mass in gas phase     =      0.66299E-03g/sq.ft.
Mass in liquid phase  =      0.93379E-03g/sq.ft.
Mass sorbed           =      0.13668E-01g/sq.ft.

Since last printout at time =      58.00
               Change in Total Mass =    -0.33141E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19409E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12267E-03g/sq.ft.
                    Diffusion in from water table =    -0.18933E-03g/sq.ft.
               Total inflow at boundaries =    -0.33141E-03g/sq.ft.
               Mass discrepancy =    -0.10987E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26433    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20816E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36098E-01g/sq.ft.
                    Diffusion in from water table =    -0.20742    g/sq.ft.
               Total inflow at boundaries =    -0.26433    g/sq.ft.
               Mass discrepancy =    -0.39581E-06g/sq.ft.


Polygon   5
At time =      59.00, total mass in vadose zone =    0.14940E-01g/sq.ft.
Mass in gas phase     =      0.64890E-03g/sq.ft.
Mass in liquid phase  =      0.91394E-03g/sq.ft.
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Mass sorbed           =      0.13377E-01g/sq.ft.

Since last printout at time =      58.50
               Change in Total Mass =    -0.32435E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18991E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12010E-03g/sq.ft.
                    Diffusion in from water table =    -0.18526E-03g/sq.ft.
               Total inflow at boundaries =    -0.32435E-03g/sq.ft.
               Mass discrepancy =     0.15334E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26465    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20835E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36218E-01g/sq.ft.
                    Diffusion in from water table =    -0.20760    g/sq.ft.
               Total inflow at boundaries =    -0.26465    g/sq.ft.
               Mass discrepancy =    -0.40233E-06g/sq.ft.


Polygon   5
At time =      59.50, total mass in vadose zone =    0.14623E-01g/sq.ft.
Mass in gas phase     =      0.63511E-03g/sq.ft.
Mass in liquid phase  =      0.89452E-03g/sq.ft.
Mass sorbed           =      0.13093E-01g/sq.ft.

Since last printout at time =      59.00
               Change in Total Mass =    -0.31744E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18582E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11758E-03g/sq.ft.
                    Diffusion in from water table =    -0.18128E-03g/sq.ft.
               Total inflow at boundaries =    -0.31744E-03g/sq.ft.
               Mass discrepancy =    -0.31669E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26497    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20854E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36336E-01g/sq.ft.
                    Diffusion in from water table =    -0.20778    g/sq.ft.
               Total inflow at boundaries =    -0.26497    g/sq.ft.
               Mass discrepancy =    -0.40792E-06g/sq.ft.


Polygon   5
At time =      60.00, total mass in vadose zone =    0.14312E-01g/sq.ft.
Mass in gas phase     =      0.62162E-03g/sq.ft.
Mass in liquid phase  =      0.87552E-03g/sq.ft.
Mass sorbed           =      0.12815E-01g/sq.ft.

Since last printout at time =      59.50
               Change in Total Mass =    -0.31068E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18182E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11511E-03g/sq.ft.
                    Diffusion in from water table =    -0.17738E-03g/sq.ft.
               Total inflow at boundaries =    -0.31068E-03g/sq.ft.
               Mass discrepancy =    -0.87130E-09g/sq.ft.

Since beginning of run at time = 0.0
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               Change in Total Mass =    -0.26528    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20872E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36451E-01g/sq.ft.
                    Diffusion in from water table =    -0.20796    g/sq.ft.
               Total inflow at boundaries =    -0.26528    g/sq.ft.
               Mass discrepancy =    -0.40513E-06g/sq.ft.


Polygon   5
At time =      60.50, total mass in vadose zone =    0.14008E-01g/sq.ft.
Mass in gas phase     =      0.60841E-03g/sq.ft.
Mass in liquid phase  =      0.85692E-03g/sq.ft.
Mass sorbed           =      0.12543E-01g/sq.ft.

Since last printout at time =      60.00
               Change in Total Mass =    -0.30406E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17791E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11270E-03g/sq.ft.
                    Diffusion in from water table =    -0.17357E-03g/sq.ft.
               Total inflow at boundaries =    -0.30406E-03g/sq.ft.
               Mass discrepancy =    -0.14261E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26559    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20890E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36564E-01g/sq.ft.
                    Diffusion in from water table =    -0.20813    g/sq.ft.
               Total inflow at boundaries =    -0.26559    g/sq.ft.
               Mass discrepancy =    -0.38557E-06g/sq.ft.


Polygon   5
At time =      61.00, total mass in vadose zone =    0.13711E-01g/sq.ft.
Mass in gas phase     =      0.59549E-03g/sq.ft.
Mass in liquid phase  =      0.83871E-03g/sq.ft.
Mass sorbed           =      0.12276E-01g/sq.ft.

Since last printout at time =      60.50
               Change in Total Mass =    -0.29759E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17409E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11033E-03g/sq.ft.
                    Diffusion in from water table =    -0.16985E-03g/sq.ft.
               Total inflow at boundaries =    -0.29759E-03g/sq.ft.
               Mass discrepancy =    -0.52933E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26588    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20907E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36674E-01g/sq.ft.
                    Diffusion in from water table =    -0.20830    g/sq.ft.
               Total inflow at boundaries =    -0.26588    g/sq.ft.
               Mass discrepancy =    -0.35577E-06g/sq.ft.


Polygon   5
At time =      61.50, total mass in vadose zone =    0.13419E-01g/sq.ft.
Mass in gas phase     =      0.58284E-03g/sq.ft.
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Mass in liquid phase  =      0.82090E-03g/sq.ft.
Mass sorbed           =      0.12016E-01g/sq.ft.

Since last printout at time =      61.00
               Change in Total Mass =    -0.29125E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17035E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10801E-03g/sq.ft.
                    Diffusion in from water table =    -0.16621E-03g/sq.ft.
               Total inflow at boundaries =    -0.29125E-03g/sq.ft.
               Mass discrepancy =     0.53296E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26618    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20924E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36782E-01g/sq.ft.
                    Diffusion in from water table =    -0.20847    g/sq.ft.
               Total inflow at boundaries =    -0.26618    g/sq.ft.
               Mass discrepancy =    -0.34831E-06g/sq.ft.


Polygon   5
At time =      62.00, total mass in vadose zone =    0.13134E-01g/sq.ft.
Mass in gas phase     =      0.57046E-03g/sq.ft.
Mass in liquid phase  =      0.80346E-03g/sq.ft.
Mass sorbed           =      0.11760E-01g/sq.ft.

Since last printout at time =      61.50
               Change in Total Mass =    -0.28505E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16670E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10573E-03g/sq.ft.
                    Diffusion in from water table =    -0.16265E-03g/sq.ft.
               Total inflow at boundaries =    -0.28505E-03g/sq.ft.
               Mass discrepancy =    -0.22847E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26646    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20941E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36888E-01g/sq.ft.
                    Diffusion in from water table =    -0.20863    g/sq.ft.
               Total inflow at boundaries =    -0.26646    g/sq.ft.
               Mass discrepancy =    -0.35763E-06g/sq.ft.


Polygon   5
At time =      62.50, total mass in vadose zone =    0.12855E-01g/sq.ft.
Mass in gas phase     =      0.55834E-03g/sq.ft.
Mass in liquid phase  =      0.78639E-03g/sq.ft.
Mass sorbed           =      0.11510E-01g/sq.ft.

Since last printout at time =      62.00
               Change in Total Mass =    -0.27898E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16312E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10351E-03g/sq.ft.
                    Diffusion in from water table =    -0.15916E-03g/sq.ft.
               Total inflow at boundaries =    -0.27898E-03g/sq.ft.
               Mass discrepancy =     0.11496E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26674    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20957E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36991E-01g/sq.ft.
                    Diffusion in from water table =    -0.20879    g/sq.ft.
               Total inflow at boundaries =    -0.26674    g/sq.ft.
               Mass discrepancy =    -0.34831E-06g/sq.ft.


Polygon   5
At time =      63.00, total mass in vadose zone =    0.12582E-01g/sq.ft.
Mass in gas phase     =      0.54648E-03g/sq.ft.
Mass in liquid phase  =      0.76969E-03g/sq.ft.
Mass sorbed           =      0.11266E-01g/sq.ft.

Since last printout at time =      62.50
               Change in Total Mass =    -0.27305E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15963E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10133E-03g/sq.ft.
                    Diffusion in from water table =    -0.15576E-03g/sq.ft.
               Total inflow at boundaries =    -0.27305E-03g/sq.ft.
               Mass discrepancy =    -0.49113E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26701    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20973E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37093E-01g/sq.ft.
                    Diffusion in from water table =    -0.20895    g/sq.ft.
               Total inflow at boundaries =    -0.26701    g/sq.ft.
               Mass discrepancy =    -0.36042E-06g/sq.ft.


Polygon   5
At time =      63.50, total mass in vadose zone =    0.12315E-01g/sq.ft.
Mass in gas phase     =      0.53487E-03g/sq.ft.
Mass in liquid phase  =      0.75334E-03g/sq.ft.
Mass sorbed           =      0.11027E-01g/sq.ft.

Since last printout at time =      63.00
               Change in Total Mass =    -0.26724E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15621E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.99195E-04g/sq.ft.
                    Diffusion in from water table =    -0.15242E-03g/sq.ft.
               Total inflow at boundaries =    -0.26724E-03g/sq.ft.
               Mass discrepancy =    -0.16735E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26728    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20989E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37192E-01g/sq.ft.
                    Diffusion in from water table =    -0.20910    g/sq.ft.
               Total inflow at boundaries =    -0.26728    g/sq.ft.
               Mass discrepancy =    -0.35856E-06g/sq.ft.


Polygon   5
At time =      64.00, total mass in vadose zone =    0.12053E-01g/sq.ft.
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```
Mass in gas phase     =      0.52351E-03g/sq.ft.
Mass in liquid phase  =      0.73734E-03g/sq.ft.
Mass sorbed           =      0.10793E-01g/sq.ft.

Since last printout at time =      63.50
               Change in Total Mass =    -0.26155E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15286E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.97104E-04g/sq.ft.
                    Diffusion in from water table =    -0.14916E-03g/sq.ft.
               Total inflow at boundaries =    -0.26155E-03g/sq.ft.
               Mass discrepancy =     0.42564E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26754    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21004E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37289E-01g/sq.ft.
                    Diffusion in from water table =    -0.20925    g/sq.ft.
               Total inflow at boundaries =    -0.26754    g/sq.ft.
               Mass discrepancy =    -0.35949E-06g/sq.ft.


Polygon   5
At time =      64.50, total mass in vadose zone =    0.11797E-01g/sq.ft.
Mass in gas phase     =      0.51240E-03g/sq.ft.
Mass in liquid phase  =      0.72168E-03g/sq.ft.
Mass sorbed           =      0.10563E-01g/sq.ft.

Since last printout at time =      64.00
               Change in Total Mass =    -0.25599E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14959E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.95057E-04g/sq.ft.
                    Diffusion in from water table =    -0.14597E-03g/sq.ft.
               Total inflow at boundaries =    -0.25599E-03g/sq.ft.
               Mass discrepancy =     0.28558E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26780    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21019E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37384E-01g/sq.ft.
                    Diffusion in from water table =    -0.20939    g/sq.ft.
               Total inflow at boundaries =    -0.26780    g/sq.ft.
               Mass discrepancy =    -0.36415E-06g/sq.ft.


Polygon   5
At time =      65.00, total mass in vadose zone =    0.11547E-01g/sq.ft.
Mass in gas phase     =      0.50151E-03g/sq.ft.
Mass in liquid phase  =      0.70636E-03g/sq.ft.
Mass sorbed           =      0.10339E-01g/sq.ft.

Since last printout at time =      64.50
               Change in Total Mass =    -0.25054E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14639E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.93053E-04g/sq.ft.
                    Diffusion in from water table =    -0.14285E-03g/sq.ft.
               Total inflow at boundaries =    -0.25054E-03g/sq.ft.
               Mass discrepancy =    -0.97953E-09g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26805    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21034E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37477E-01g/sq.ft.
                    Diffusion in from water table =    -0.20954    g/sq.ft.
               Total inflow at boundaries =    -0.26805    g/sq.ft.
               Mass discrepancy =    -0.35856E-06g/sq.ft.


Polygon   5
At time =      65.50, total mass in vadose zone =    0.11302E-01g/sq.ft.
Mass in gas phase     =      0.49086E-03g/sq.ft.
Mass in liquid phase  =      0.69136E-03g/sq.ft.
Mass sorbed           =      0.10119E-01g/sq.ft.

Since last printout at time =      65.00
               Change in Total Mass =    -0.24522E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14326E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.91090E-04g/sq.ft.
                    Diffusion in from water table =    -0.13980E-03g/sq.ft.
               Total inflow at boundaries =    -0.24521E-03g/sq.ft.
               Mass discrepancy =    -0.42382E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26829    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21048E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37568E-01g/sq.ft.
                    Diffusion in from water table =    -0.20968    g/sq.ft.
               Total inflow at boundaries =    -0.26829    g/sq.ft.
               Mass discrepancy =    -0.38277E-06g/sq.ft.


Polygon   5
At time =      66.00, total mass in vadose zone =    0.11062E-01g/sq.ft.
Mass in gas phase     =      0.48044E-03g/sq.ft.
Mass in liquid phase  =      0.67667E-03g/sq.ft.
Mass sorbed           =      0.99045E-02g/sq.ft.

Since last printout at time =      65.50
               Change in Total Mass =    -0.24000E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14020E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.89168E-04g/sq.ft.
                    Diffusion in from water table =    -0.13681E-03g/sq.ft.
               Total inflow at boundaries =    -0.24000E-03g/sq.ft.
               Mass discrepancy =    -0.14952E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26853    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21062E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37657E-01g/sq.ft.
                    Diffusion in from water table =    -0.20981    g/sq.ft.
               Total inflow at boundaries =    -0.26853    g/sq.ft.
               Mass discrepancy =    -0.40513E-06g/sq.ft.


Polygon   5
```

```
At time =      66.50, total mass in vadose zone =    0.10827E-01g/sq.ft.
Mass in gas phase     =      0.47024E-03g/sq.ft.
Mass in liquid phase  =      0.66231E-03g/sq.ft.
Mass sorbed           =      0.96942E-02g/sq.ft.

Since last printout at time =      66.00
               Change in Total Mass =    -0.23490E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13720E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.87285E-04g/sq.ft.
                    Diffusion in from water table =    -0.13389E-03g/sq.ft.
               Total inflow at boundaries =    -0.23490E-03g/sq.ft.
               Mass discrepancy =    -0.12460E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26877    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21076E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37745E-01g/sq.ft.
                    Diffusion in from water table =    -0.20995    g/sq.ft.
               Total inflow at boundaries =    -0.26877    g/sq.ft.
               Mass discrepancy =    -0.39302E-06g/sq.ft.


Polygon   5
At time =      67.00, total mass in vadose zone =    0.10597E-01g/sq.ft.
Mass in gas phase     =      0.46025E-03g/sq.ft.
Mass in liquid phase  =      0.64824E-03g/sq.ft.
Mass sorbed           =      0.94883E-02g/sq.ft.

Since last printout at time =      66.50
               Change in Total Mass =    -0.22990E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13427E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.85442E-04g/sq.ft.
                    Diffusion in from water table =    -0.13103E-03g/sq.ft.
               Total inflow at boundaries =    -0.22990E-03g/sq.ft.
               Mass discrepancy =     0.30650E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26900    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21089E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37830E-01g/sq.ft.
                    Diffusion in from water table =    -0.21008    g/sq.ft.
               Total inflow at boundaries =    -0.26900    g/sq.ft.
               Mass discrepancy =    -0.39861E-06g/sq.ft.


Polygon   5
At time =      67.50, total mass in vadose zone =    0.10372E-01g/sq.ft.
Mass in gas phase     =      0.45048E-03g/sq.ft.
Mass in liquid phase  =      0.63448E-03g/sq.ft.
Mass sorbed           =      0.92869E-02g/sq.ft.

Since last printout at time =      67.00
               Change in Total Mass =    -0.22502E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13140E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.83638E-04g/sq.ft.
                    Diffusion in from water table =    -0.12824E-03g/sq.ft.
               Total inflow at boundaries =    -0.22502E-03g/sq.ft.
```

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               Mass discrepancy =    -0.15871E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26922    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21103E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37914E-01g/sq.ft.
                    Diffusion in from water table =    -0.21021    g/sq.ft.
               Total inflow at boundaries =    -0.26922    g/sq.ft.
               Mass discrepancy =    -0.41351E-06g/sq.ft.


Polygon   5
At time =      68.00, total mass in vadose zone =    0.10152E-01g/sq.ft.
Mass in gas phase     =      0.44091E-03g/sq.ft.
Mass in liquid phase  =      0.62100E-03g/sq.ft.
Mass sorbed           =      0.90897E-02g/sq.ft.

Since last printout at time =      67.50
               Change in Total Mass =    -0.22023E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12860E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.81871E-04g/sq.ft.
                    Diffusion in from water table =    -0.12550E-03g/sq.ft.
               Total inflow at boundaries =    -0.22023E-03g/sq.ft.
               Mass discrepancy =     0.25011E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26944    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21115E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37996E-01g/sq.ft.
                    Diffusion in from water table =    -0.21033    g/sq.ft.
               Total inflow at boundaries =    -0.26944    g/sq.ft.
               Mass discrepancy =    -0.41537E-06g/sq.ft.


Polygon   5
At time =      68.50, total mass in vadose zone =    0.99360E-02g/sq.ft.
Mass in gas phase     =      0.43155E-03g/sq.ft.
Mass in liquid phase  =      0.60782E-03g/sq.ft.
Mass sorbed           =      0.88967E-02g/sq.ft.

Since last printout at time =      68.00
               Change in Total Mass =    -0.21555E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12585E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.80141E-04g/sq.ft.
                    Diffusion in from water table =    -0.12282E-03g/sq.ft.
               Total inflow at boundaries =    -0.21555E-03g/sq.ft.
               Mass discrepancy =    -0.10905E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26966    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21128E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38076E-01g/sq.ft.
                    Diffusion in from water table =    -0.21045    g/sq.ft.
               Total inflow at boundaries =    -0.26966    g/sq.ft.
               Mass discrepancy =    -0.42561E-06g/sq.ft.
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Polygon   5
At time =      69.00, total mass in vadose zone =    0.97251E-02g/sq.ft.
Mass in gas phase     =      0.42239E-03g/sq.ft.
Mass in liquid phase  =      0.59491E-03g/sq.ft.
Mass sorbed           =      0.87078E-02g/sq.ft.

Since last printout at time =      68.50
               Change in Total Mass =    -0.21097E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12317E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.78447E-04g/sq.ft.
                    Diffusion in from water table =    -0.12021E-03g/sq.ft.
               Total inflow at boundaries =    -0.21097E-03g/sq.ft.
               Mass discrepancy =     0.56480E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.26987    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21140E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38154E-01g/sq.ft.
                    Diffusion in from water table =    -0.21057    g/sq.ft.
               Total inflow at boundaries =    -0.26987    g/sq.ft.
               Mass discrepancy =    -0.39954E-06g/sq.ft.


Polygon   5
At time =      69.50, total mass in vadose zone =    0.95186E-02g/sq.ft.
Mass in gas phase     =      0.41342E-03g/sq.ft.
Mass in liquid phase  =      0.58228E-03g/sq.ft.
Mass sorbed           =      0.85229E-02g/sq.ft.

Since last printout at time =      69.00
               Change in Total Mass =    -0.20649E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12054E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.76789E-04g/sq.ft.
                    Diffusion in from water table =    -0.11764E-03g/sq.ft.
               Total inflow at boundaries =    -0.20649E-03g/sq.ft.
               Mass discrepancy =    -0.66848E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27008    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21152E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38231E-01g/sq.ft.
                    Diffusion in from water table =    -0.21069    g/sq.ft.
               Total inflow at boundaries =    -0.27008    g/sq.ft.
               Mass discrepancy =    -0.39861E-06g/sq.ft.


Polygon   5
At time =      70.00, total mass in vadose zone =    0.93165E-02g/sq.ft.
Mass in gas phase     =      0.40464E-03g/sq.ft.
Mass in liquid phase  =      0.56992E-03g/sq.ft.
Mass sorbed           =      0.83419E-02g/sq.ft.

Since last printout at time =      69.50
               Change in Total Mass =    -0.20210E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11797E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.75165E-04g/sq.ft.
                    Diffusion in from water table =    -0.11514E-03g/sq.ft.
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               Total inflow at boundaries =    -0.20210E-03g/sq.ft.
               Mass discrepancy =    -0.35197E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27028    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21164E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38306E-01g/sq.ft.
                    Diffusion in from water table =    -0.21081    g/sq.ft.
               Total inflow at boundaries =    -0.27028    g/sq.ft.
               Mass discrepancy =    -0.42189E-06g/sq.ft.


Polygon   5
At time =      70.50, total mass in vadose zone =    0.91187E-02g/sq.ft.
Mass in gas phase     =      0.39605E-03g/sq.ft.
Mass in liquid phase  =      0.55782E-03g/sq.ft.
Mass sorbed           =      0.81648E-02g/sq.ft.

Since last printout at time =      70.00
               Change in Total Mass =    -0.19780E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11545E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.73576E-04g/sq.ft.
                    Diffusion in from water table =    -0.11268E-03g/sq.ft.
               Total inflow at boundaries =    -0.19780E-03g/sq.ft.
               Mass discrepancy =     0.32924E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27048    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21176E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38380E-01g/sq.ft.
                    Diffusion in from water table =    -0.21092    g/sq.ft.
               Total inflow at boundaries =    -0.27048    g/sq.ft.
               Mass discrepancy =    -0.40792E-06g/sq.ft.


Polygon   5
At time =      71.00, total mass in vadose zone =    0.89251E-02g/sq.ft.
Mass in gas phase     =      0.38764E-03g/sq.ft.
Mass in liquid phase  =      0.54598E-03g/sq.ft.
Mass sorbed           =      0.79915E-02g/sq.ft.

Since last printout at time =      70.50
               Change in Total Mass =    -0.19360E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11299E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.72020E-04g/sq.ft.
                    Diffusion in from water table =    -0.11028E-03g/sq.ft.
               Total inflow at boundaries =    -0.19360E-03g/sq.ft.
               Mass discrepancy =    -0.58208E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27067    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21187E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38452E-01g/sq.ft.
                    Diffusion in from water table =    -0.21103    g/sq.ft.
               Total inflow at boundaries =    -0.27067    g/sq.ft.
               Mass discrepancy =    -0.40326E-06g/sq.ft.
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```
Polygon   5
At time =      71.50, total mass in vadose zone =    0.87356E-02g/sq.ft.
Mass in gas phase     =      0.37941E-03g/sq.ft.
Mass in liquid phase  =      0.53438E-03g/sq.ft.
Mass sorbed           =      0.78218E-02g/sq.ft.

Since last printout at time =      71.00
               Change in Total Mass =    -0.18949E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11059E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.70496E-04g/sq.ft.
                    Diffusion in from water table =    -0.10793E-03g/sq.ft.
               Total inflow at boundaries =    -0.18949E-03g/sq.ft.
               Mass discrepancy =     0.49567E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27086    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21198E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38522E-01g/sq.ft.
                    Diffusion in from water table =    -0.21114    g/sq.ft.
               Total inflow at boundaries =    -0.27086    g/sq.ft.
               Mass discrepancy =    -0.41164E-06g/sq.ft.


Polygon   5
At time =      72.00, total mass in vadose zone =    0.85501E-02g/sq.ft.
Mass in gas phase     =      0.37136E-03g/sq.ft.
Mass in liquid phase  =      0.52304E-03g/sq.ft.
Mass sorbed           =      0.76557E-02g/sq.ft.

Since last printout at time =      71.50
               Change in Total Mass =    -0.18546E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10823E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.69004E-04g/sq.ft.
                    Diffusion in from water table =    -0.10563E-03g/sq.ft.
               Total inflow at boundaries =    -0.18546E-03g/sq.ft.
               Mass discrepancy =    -0.11487E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27104    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21209E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38591E-01g/sq.ft.
                    Diffusion in from water table =    -0.21124    g/sq.ft.
               Total inflow at boundaries =    -0.27104    g/sq.ft.
               Mass discrepancy =    -0.40606E-06g/sq.ft.


Polygon   5
At time =      72.50, total mass in vadose zone =    0.83686E-02g/sq.ft.
Mass in gas phase     =      0.36347E-03g/sq.ft.
Mass in liquid phase  =      0.51193E-03g/sq.ft.
Mass sorbed           =      0.74932E-02g/sq.ft.

Since last printout at time =      72.00
               Change in Total Mass =    -0.18152E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10592E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.67544E-04g/sq.ft.
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                    Diffusion in from water table =    -0.10338E-03g/sq.ft.
               Total inflow at boundaries =    -0.18152E-03g/sq.ft.
               Mass discrepancy =     0.10150E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27123    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21220E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38659E-01g/sq.ft.
                    Diffusion in from water table =    -0.21135    g/sq.ft.
               Total inflow at boundaries =    -0.27123    g/sq.ft.
               Mass discrepancy =    -0.37160E-06g/sq.ft.


Polygon   5
At time =      73.00, total mass in vadose zone =    0.81909E-02g/sq.ft.
Mass in gas phase     =      0.35576E-03g/sq.ft.
Mass in liquid phase  =      0.50107E-03g/sq.ft.
Mass sorbed           =      0.73341E-02g/sq.ft.

Since last printout at time =      72.50
               Change in Total Mass =    -0.17767E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10367E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.66115E-04g/sq.ft.
                    Diffusion in from water table =    -0.10118E-03g/sq.ft.
               Total inflow at boundaries =    -0.17766E-03g/sq.ft.
               Mass discrepancy =    -0.14079E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27140    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21230E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38725E-01g/sq.ft.
                    Diffusion in from water table =    -0.21145    g/sq.ft.
               Total inflow at boundaries =    -0.27140    g/sq.ft.
               Mass discrepancy =    -0.37812E-06g/sq.ft.


Polygon   5
At time =      73.50, total mass in vadose zone =    0.80171E-02g/sq.ft.
Mass in gas phase     =      0.34820E-03g/sq.ft.
Mass in liquid phase  =      0.49043E-03g/sq.ft.
Mass sorbed           =      0.71784E-02g/sq.ft.

Since last printout at time =      73.00
               Change in Total Mass =    -0.17389E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10146E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.64715E-04g/sq.ft.
                    Diffusion in from water table =    -0.99029E-04g/sq.ft.
               Total inflow at boundaries =    -0.17389E-03g/sq.ft.
               Mass discrepancy =     0.44565E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27158    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21240E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38790E-01g/sq.ft.
                    Diffusion in from water table =    -0.21155    g/sq.ft.
               Total inflow at boundaries =    -0.27158    g/sq.ft.
               Mass discrepancy =    -0.37346E-06g/sq.ft.
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Polygon   5
At time =      74.00, total mass in vadose zone =    0.78469E-02g/sq.ft.
Mass in gas phase     =      0.34081E-03g/sq.ft.
Mass in liquid phase  =      0.48002E-03g/sq.ft.
Mass sorbed           =      0.70260E-02g/sq.ft.

Since last printout at time =      73.50
               Change in Total Mass =    -0.17020E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99300E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.63345E-04g/sq.ft.
                    Diffusion in from water table =    -0.96921E-04g/sq.ft.
               Total inflow at boundaries =    -0.17020E-03g/sq.ft.
               Mass discrepancy =    -0.11732E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27175    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21250E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38853E-01g/sq.ft.
                    Diffusion in from water table =    -0.21164    g/sq.ft.
               Total inflow at boundaries =    -0.27175    g/sq.ft.
               Mass discrepancy =    -0.36322E-06g/sq.ft.


Polygon   5
At time =      74.50, total mass in vadose zone =    0.76803E-02g/sq.ft.
Mass in gas phase     =      0.33358E-03g/sq.ft.
Mass in liquid phase  =      0.46983E-03g/sq.ft.
Mass sorbed           =      0.68769E-02g/sq.ft.

Since last printout at time =      74.00
               Change in Total Mass =    -0.16658E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97186E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.62004E-04g/sq.ft.
                    Diffusion in from water table =    -0.94859E-04g/sq.ft.
               Total inflow at boundaries =    -0.16658E-03g/sq.ft.
               Mass discrepancy =    -0.13006E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27191    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21260E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38915E-01g/sq.ft.
                    Diffusion in from water table =    -0.21174    g/sq.ft.
               Total inflow at boundaries =    -0.27191    g/sq.ft.
               Mass discrepancy =    -0.36554E-06g/sq.ft.


Polygon   5
At time =      75.00, total mass in vadose zone =    0.75172E-02g/sq.ft.
Mass in gas phase     =      0.32650E-03g/sq.ft.
Mass in liquid phase  =      0.45985E-03g/sq.ft.
Mass sorbed           =      0.67309E-02g/sq.ft.

Since last printout at time =      74.50
               Change in Total Mass =    -0.16304E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95117E-05g/sq.ft.
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                    Diffusion in from atmosphere =     -0.60691E-04g/sq.ft.
                    Diffusion in from water table =    -0.92840E-04g/sq.ft.
               Total inflow at boundaries =    -0.16304E-03g/sq.ft.
               Mass discrepancy =     0.40473E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27208    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21269E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.38976E-01g/sq.ft.
                    Diffusion in from water table =    -0.21183    g/sq.ft.
               Total inflow at boundaries =    -0.27208    g/sq.ft.
               Mass discrepancy =    -0.37253E-06g/sq.ft.


Polygon   5
At time =      75.50, total mass in vadose zone =    0.73577E-02g/sq.ft.
Mass in gas phase     =      0.31956E-03g/sq.ft.
Mass in liquid phase  =      0.45009E-03g/sq.ft.
Mass sorbed           =      0.65880E-02g/sq.ft.

Since last printout at time =      75.00
               Change in Total Mass =    -0.15958E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.93093E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.59405E-04g/sq.ft.
                    Diffusion in from water table =    -0.90865E-04g/sq.ft.
               Total inflow at boundaries =    -0.15958E-03g/sq.ft.
               Mass discrepancy =    -0.82036E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27224    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21278E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39035E-01g/sq.ft.
                    Diffusion in from water table =    -0.21192    g/sq.ft.
               Total inflow at boundaries =    -0.27224    g/sq.ft.
               Mass discrepancy =    -0.37113E-06g/sq.ft.


Polygon   5
At time =      76.00, total mass in vadose zone =    0.72015E-02g/sq.ft.
Mass in gas phase     =      0.31278E-03g/sq.ft.
Mass in liquid phase  =      0.44054E-03g/sq.ft.
Mass sorbed           =      0.64481E-02g/sq.ft.

Since last printout at time =      75.50
               Change in Total Mass =    -0.15619E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91112E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.58147E-04g/sq.ft.
                    Diffusion in from water table =    -0.88932E-04g/sq.ft.
               Total inflow at boundaries =    -0.15619E-03g/sq.ft.
               Mass discrepancy =     0.39199E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27239    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21288E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39093E-01g/sq.ft.
                    Diffusion in from water table =    -0.21201    g/sq.ft.
               Total inflow at boundaries =    -0.27239    g/sq.ft.
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               Mass discrepancy =    -0.36554E-06g/sq.ft.


Polygon   5
At time =      76.50, total mass in vadose zone =    0.70486E-02g/sq.ft.
Mass in gas phase     =      0.30614E-03g/sq.ft.
Mass in liquid phase  =      0.43118E-03g/sq.ft.
Mass sorbed           =      0.63113E-02g/sq.ft.

Since last printout at time =      76.00
               Change in Total Mass =    -0.15287E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89174E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.56915E-04g/sq.ft.
                    Diffusion in from water table =    -0.87041E-04g/sq.ft.
               Total inflow at boundaries =    -0.15287E-03g/sq.ft.
               Mass discrepancy =    -0.81309E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27255    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21297E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39150E-01g/sq.ft.
                    Diffusion in from water table =    -0.21210    g/sq.ft.
               Total inflow at boundaries =    -0.27255    g/sq.ft.
               Mass discrepancy =    -0.37439E-06g/sq.ft.


Polygon   5
At time =      77.00, total mass in vadose zone =    0.68990E-02g/sq.ft.
Mass in gas phase     =      0.29964E-03g/sq.ft.
Mass in liquid phase  =      0.42203E-03g/sq.ft.
Mass sorbed           =      0.61773E-02g/sq.ft.

Since last printout at time =      76.50
               Change in Total Mass =    -0.14963E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.87277E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.55709E-04g/sq.ft.
                    Diffusion in from water table =    -0.85190E-04g/sq.ft.
               Total inflow at boundaries =    -0.14963E-03g/sq.ft.
               Mass discrepancy =    -0.84128E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27270    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21305E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39206E-01g/sq.ft.
                    Diffusion in from water table =    -0.21218    g/sq.ft.
               Total inflow at boundaries =    -0.27270    g/sq.ft.
               Mass discrepancy =    -0.37765E-06g/sq.ft.


Polygon   5
At time =      77.50, total mass in vadose zone =    0.67525E-02g/sq.ft.
Mass in gas phase     =      0.29328E-03g/sq.ft.
Mass in liquid phase  =      0.41307E-03g/sq.ft.
Mass sorbed           =      0.60462E-02g/sq.ft.

Since last printout at time =      77.00
               Change in Total Mass =    -0.14645E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.85420E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.54529E-04g/sq.ft.
                    Diffusion in from water table =    -0.83378E-04g/sq.ft.
               Total inflow at boundaries =    -0.14645E-03g/sq.ft.
               Mass discrepancy =     0.18827E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27284    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21314E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39260E-01g/sq.ft.
                    Diffusion in from water table =    -0.21227    g/sq.ft.
               Total inflow at boundaries =    -0.27284    g/sq.ft.
               Mass discrepancy =    -0.36880E-06g/sq.ft.


Polygon   5
At time =      78.00, total mass in vadose zone =    0.66092E-02g/sq.ft.
Mass in gas phase     =      0.28706E-03g/sq.ft.
Mass in liquid phase  =      0.40430E-03g/sq.ft.
Mass sorbed           =      0.59178E-02g/sq.ft.

Since last printout at time =      77.50
               Change in Total Mass =    -0.14334E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.83604E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.53374E-04g/sq.ft.
                    Diffusion in from water table =    -0.81605E-04g/sq.ft.
               Total inflow at boundaries =    -0.14334E-03g/sq.ft.
               Mass discrepancy =    -0.13279E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27299    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21322E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39314E-01g/sq.ft.
                    Diffusion in from water table =    -0.21235    g/sq.ft.
               Total inflow at boundaries =    -0.27299    g/sq.ft.
               Mass discrepancy =    -0.37020E-06g/sq.ft.


Polygon   5
At time =      78.50, total mass in vadose zone =    0.64689E-02g/sq.ft.
Mass in gas phase     =      0.28096E-03g/sq.ft.
Mass in liquid phase  =      0.39572E-03g/sq.ft.
Mass sorbed           =      0.57922E-02g/sq.ft.

Since last printout at time =      78.00
               Change in Total Mass =    -0.14030E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.81826E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.52243E-04g/sq.ft.
                    Diffusion in from water table =    -0.79870E-04g/sq.ft.
               Total inflow at boundaries =    -0.14030E-03g/sq.ft.
               Mass discrepancy =    -0.43838E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27313    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21330E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39366E-01g/sq.ft.
                    Diffusion in from water table =    -0.21243    g/sq.ft.
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               Total inflow at boundaries =    -0.27313    g/sq.ft.
               Mass discrepancy =    -0.36228E-06g/sq.ft.


Polygon   5
At time =      79.00, total mass in vadose zone =    0.63316E-02g/sq.ft.
Mass in gas phase     =      0.27500E-03g/sq.ft.
Mass in liquid phase  =      0.38732E-03g/sq.ft.
Mass sorbed           =      0.56692E-02g/sq.ft.

Since last printout at time =      78.50
               Change in Total Mass =    -0.13732E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.80086E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.51136E-04g/sq.ft.
                    Diffusion in from water table =    -0.78172E-04g/sq.ft.
               Total inflow at boundaries =    -0.13732E-03g/sq.ft.
               Mass discrepancy =    -0.28103E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27326    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21338E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39417E-01g/sq.ft.
                    Diffusion in from water table =    -0.21251    g/sq.ft.
               Total inflow at boundaries =    -0.27326    g/sq.ft.
               Mass discrepancy =    -0.35530E-06g/sq.ft.


Polygon   5
At time =      79.50, total mass in vadose zone =    0.61972E-02g/sq.ft.
Mass in gas phase     =      0.26916E-03g/sq.ft.
Mass in liquid phase  =      0.37910E-03g/sq.ft.
Mass sorbed           =      0.55489E-02g/sq.ft.

Since last printout at time =      79.00
               Change in Total Mass =    -0.13440E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.78383E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.50052E-04g/sq.ft.
                    Diffusion in from water table =    -0.76510E-04g/sq.ft.
               Total inflow at boundaries =    -0.13440E-03g/sq.ft.
               Mass discrepancy =     0.34288E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27340    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21346E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39467E-01g/sq.ft.
                    Diffusion in from water table =    -0.21258    g/sq.ft.
               Total inflow at boundaries =    -0.27340    g/sq.ft.
               Mass discrepancy =    -0.34319E-06g/sq.ft.


Polygon   5
At time =      80.00, total mass in vadose zone =    0.60656E-02g/sq.ft.
Mass in gas phase     =      0.26345E-03g/sq.ft.
Mass in liquid phase  =      0.37105E-03g/sq.ft.
Mass sorbed           =      0.54311E-02g/sq.ft.

Since last printout at time =      79.50
               Change in Total Mass =    -0.13155E-03g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76717E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.48991E-04g/sq.ft.
                    Diffusion in from water table =    -0.74884E-04g/sq.ft.
               Total inflow at boundaries =    -0.13155E-03g/sq.ft.
               Mass discrepancy =    -0.85038E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27353    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21354E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39516E-01g/sq.ft.
                    Diffusion in from water table =    -0.21266    g/sq.ft.
               Total inflow at boundaries =    -0.27353    g/sq.ft.
               Mass discrepancy =    -0.35251E-06g/sq.ft.


Polygon   5
At time =      80.50, total mass in vadose zone =    0.59369E-02g/sq.ft.
Mass in gas phase     =      0.25786E-03g/sq.ft.
Mass in liquid phase  =      0.36318E-03g/sq.ft.
Mass sorbed           =      0.53158E-02g/sq.ft.

Since last printout at time =      80.00
               Change in Total Mass =    -0.12875E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.75086E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.47952E-04g/sq.ft.
                    Diffusion in from water table =    -0.73292E-04g/sq.ft.
               Total inflow at boundaries =    -0.12875E-03g/sq.ft.
               Mass discrepancy =    -0.56389E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27366    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21361E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39564E-01g/sq.ft.
                    Diffusion in from water table =    -0.21273    g/sq.ft.
               Total inflow at boundaries =    -0.27366    g/sq.ft.
               Mass discrepancy =    -0.37299E-06g/sq.ft.


Polygon   5
At time =      81.00, total mass in vadose zone =    0.58108E-02g/sq.ft.
Mass in gas phase     =      0.25238E-03g/sq.ft.
Mass in liquid phase  =      0.35547E-03g/sq.ft.
Mass sorbed           =      0.52030E-02g/sq.ft.

Since last printout at time =      80.50
               Change in Total Mass =    -0.12602E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.73490E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.46936E-04g/sq.ft.
                    Diffusion in from water table =    -0.71735E-04g/sq.ft.
               Total inflow at boundaries =    -0.12602E-03g/sq.ft.
               Mass discrepancy =    -0.41973E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27378    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21369E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39611E-01g/sq.ft.
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                    Diffusion in from water table =    -0.21280    g/sq.ft.
               Total inflow at boundaries =    -0.27378    g/sq.ft.
               Mass discrepancy =    -0.35902E-06g/sq.ft.


Polygon   5
At time =      81.50, total mass in vadose zone =    0.56875E-02g/sq.ft.
Mass in gas phase     =      0.24702E-03g/sq.ft.
Mass in liquid phase  =      0.34792E-03g/sq.ft.
Mass sorbed           =      0.50925E-02g/sq.ft.

Since last printout at time =      81.00
               Change in Total Mass =    -0.12334E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71928E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.45941E-04g/sq.ft.
                    Diffusion in from water table =    -0.70210E-04g/sq.ft.
               Total inflow at boundaries =    -0.12334E-03g/sq.ft.
               Mass discrepancy =    -0.89358E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27391    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21376E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39657E-01g/sq.ft.
                    Diffusion in from water table =    -0.21287    g/sq.ft.
               Total inflow at boundaries =    -0.27391    g/sq.ft.
               Mass discrepancy =    -0.31292E-06g/sq.ft.


Polygon   5
At time =      82.00, total mass in vadose zone =    0.55668E-02g/sq.ft.
Mass in gas phase     =      0.24178E-03g/sq.ft.
Mass in liquid phase  =      0.34054E-03g/sq.ft.
Mass sorbed           =      0.49845E-02g/sq.ft.

Since last printout at time =      81.50
               Change in Total Mass =    -0.12072E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.70399E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.44967E-04g/sq.ft.
                    Diffusion in from water table =    -0.68718E-04g/sq.ft.
               Total inflow at boundaries =    -0.12073E-03g/sq.ft.
               Mass discrepancy =     0.54160E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27403    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21383E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39702E-01g/sq.ft.
                    Diffusion in from water table =    -0.21294    g/sq.ft.
               Total inflow at boundaries =    -0.27403    g/sq.ft.
               Mass discrepancy =    -0.25984E-06g/sq.ft.


Polygon   5
At time =      82.50, total mass in vadose zone =    0.54486E-02g/sq.ft.
Mass in gas phase     =      0.23665E-03g/sq.ft.
Mass in liquid phase  =      0.33331E-03g/sq.ft.
Mass sorbed           =      0.48787E-02g/sq.ft.

Since last printout at time =      82.00
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               Change in Total Mass =    -0.11816E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68903E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.44013E-04g/sq.ft.
                    Diffusion in from water table =    -0.67258E-04g/sq.ft.
               Total inflow at boundaries =    -0.11816E-03g/sq.ft.
               Mass discrepancy =    -0.57798E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27415    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21390E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39746E-01g/sq.ft.
                    Diffusion in from water table =    -0.21301    g/sq.ft.
               Total inflow at boundaries =    -0.27415    g/sq.ft.
               Mass discrepancy =    -0.23749E-06g/sq.ft.


Polygon   5
At time =      83.00, total mass in vadose zone =    0.53330E-02g/sq.ft.
Mass in gas phase     =      0.23163E-03g/sq.ft.
Mass in liquid phase  =      0.32623E-03g/sq.ft.
Mass sorbed           =      0.47751E-02g/sq.ft.

Since last printout at time =      82.50
               Change in Total Mass =    -0.11565E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67439E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.43080E-04g/sq.ft.
                    Diffusion in from water table =    -0.65829E-04g/sq.ft.
               Total inflow at boundaries =    -0.11565E-03g/sq.ft.
               Mass discrepancy =    -0.32651E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27426    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21397E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39789E-01g/sq.ft.
                    Diffusion in from water table =    -0.21308    g/sq.ft.
               Total inflow at boundaries =    -0.27426    g/sq.ft.
               Mass discrepancy =    -0.25984E-06g/sq.ft.


Polygon   5
At time =      83.50, total mass in vadose zone =    0.52198E-02g/sq.ft.
Mass in gas phase     =      0.22671E-03g/sq.ft.
Mass in liquid phase  =      0.31931E-03g/sq.ft.
Mass sorbed           =      0.46737E-02g/sq.ft.

Since last printout at time =      83.00
               Change in Total Mass =    -0.11320E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.66006E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.42167E-04g/sq.ft.
                    Diffusion in from water table =    -0.64431E-04g/sq.ft.
               Total inflow at boundaries =    -0.11320E-03g/sq.ft.
               Mass discrepancy =    -0.31196E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27438    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21403E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.39831E-01g/sq.ft.
                    Diffusion in from water table =    -0.21314    g/sq.ft.
               Total inflow at boundaries =    -0.27437    g/sq.ft.
               Mass discrepancy =    -0.24261E-06g/sq.ft.


Polygon   5
At time =      84.00, total mass in vadose zone =    0.51090E-02g/sq.ft.
Mass in gas phase     =      0.22190E-03g/sq.ft.
Mass in liquid phase  =      0.31253E-03g/sq.ft.
Mass sorbed           =      0.45745E-02g/sq.ft.

Since last printout at time =      83.50
               Change in Total Mass =    -0.11079E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64603E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.41272E-04g/sq.ft.
                    Diffusion in from water table =    -0.63062E-04g/sq.ft.
               Total inflow at boundaries =    -0.11079E-03g/sq.ft.
               Mass discrepancy =    -0.28695E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27449    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21410E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39873E-01g/sq.ft.
                    Diffusion in from water table =    -0.21320    g/sq.ft.
               Total inflow at boundaries =    -0.27449    g/sq.ft.
               Mass discrepancy =    -0.24540E-06g/sq.ft.


Polygon   5
At time =      84.50, total mass in vadose zone =    0.50005E-02g/sq.ft.
Mass in gas phase     =      0.21719E-03g/sq.ft.
Mass in liquid phase  =      0.30590E-03g/sq.ft.
Mass sorbed           =      0.44774E-02g/sq.ft.

Since last printout at time =      84.00
               Change in Total Mass =    -0.10844E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.63231E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.40397E-04g/sq.ft.
                    Diffusion in from water table =    -0.61722E-04g/sq.ft.
               Total inflow at boundaries =    -0.10844E-03g/sq.ft.
               Mass discrepancy =    -0.42837E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27459    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21416E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39913E-01g/sq.ft.
                    Diffusion in from water table =    -0.21327    g/sq.ft.
               Total inflow at boundaries =    -0.27459    g/sq.ft.
               Mass discrepancy =    -0.24308E-06g/sq.ft.


Polygon   5
At time =      85.00, total mass in vadose zone =    0.48944E-02g/sq.ft.
Mass in gas phase     =      0.21258E-03g/sq.ft.
Mass in liquid phase  =      0.29940E-03g/sq.ft.
Mass sorbed           =      0.43824E-02g/sq.ft.
```

```
Since last printout at time =      84.50
               Change in Total Mass =    -0.10614E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61887E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.39541E-04g/sq.ft.
                    Diffusion in from water table =    -0.60411E-04g/sq.ft.
               Total inflow at boundaries =    -0.10614E-03g/sq.ft.
               Mass discrepancy =     0.47748E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27470    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21422E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39953E-01g/sq.ft.
                    Diffusion in from water table =    -0.21333    g/sq.ft.
               Total inflow at boundaries =    -0.27470    g/sq.ft.
               Mass discrepancy =    -0.24587E-06g/sq.ft.


Polygon   5
At time =      85.50, total mass in vadose zone =    0.47905E-02g/sq.ft.
Mass in gas phase     =      0.20807E-03g/sq.ft.
Mass in liquid phase  =      0.29305E-03g/sq.ft.
Mass sorbed           =      0.42894E-02g/sq.ft.

Since last printout at time =      85.00
               Change in Total Mass =    -0.10389E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.60573E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.38702E-04g/sq.ft.
                    Diffusion in from water table =    -0.59128E-04g/sq.ft.
               Total inflow at boundaries =    -0.10389E-03g/sq.ft.
               Mass discrepancy =     0.66393E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27480    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21428E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39991E-01g/sq.ft.
                    Diffusion in from water table =    -0.21338    g/sq.ft.
               Total inflow at boundaries =    -0.27480    g/sq.ft.
               Mass discrepancy =    -0.23050E-06g/sq.ft.


Polygon   5
At time =      86.00, total mass in vadose zone =    0.46888E-02g/sq.ft.
Mass in gas phase     =      0.20365E-03g/sq.ft.
Mass in liquid phase  =      0.28683E-03g/sq.ft.
Mass sorbed           =      0.41983E-02g/sq.ft.

Since last printout at time =      85.50
               Change in Total Mass =    -0.10168E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59286E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.37881E-04g/sq.ft.
                    Diffusion in from water table =    -0.57872E-04g/sq.ft.
               Total inflow at boundaries =    -0.10168E-03g/sq.ft.
               Mass discrepancy =    -0.47658E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27491    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.21434E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40029E-01g/sq.ft.
                    Diffusion in from water table =    -0.21344    g/sq.ft.
               Total inflow at boundaries =    -0.27491    g/sq.ft.
               Mass discrepancy =    -0.23982E-06g/sq.ft.


Polygon   5
At time =      86.50, total mass in vadose zone =    0.45893E-02g/sq.ft.
Mass in gas phase     =      0.19933E-03g/sq.ft.
Mass in liquid phase  =      0.28074E-03g/sq.ft.
Mass sorbed           =      0.41092E-02g/sq.ft.

Since last printout at time =      86.00
               Change in Total Mass =    -0.99523E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.58026E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.37078E-04g/sq.ft.
                    Diffusion in from water table =    -0.56642E-04g/sq.ft.
               Total inflow at boundaries =    -0.99523E-04g/sq.ft.
               Mass discrepancy =    -0.27740E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27501    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21440E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40066E-01g/sq.ft.
                    Diffusion in from water table =    -0.21350    g/sq.ft.
               Total inflow at boundaries =    -0.27501    g/sq.ft.
               Mass discrepancy =    -0.23982E-06g/sq.ft.


Polygon   5
At time =      87.00, total mass in vadose zone =    0.44919E-02g/sq.ft.
Mass in gas phase     =      0.19510E-03g/sq.ft.
Mass in liquid phase  =      0.27478E-03g/sq.ft.
Mass sorbed           =      0.40220E-02g/sq.ft.

Since last printout at time =      86.50
               Change in Total Mass =    -0.97411E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56794E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.36291E-04g/sq.ft.
                    Diffusion in from water table =    -0.55439E-04g/sq.ft.
               Total inflow at boundaries =    -0.97410E-04g/sq.ft.
               Mass discrepancy =    -0.79217E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27510    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21446E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40102E-01g/sq.ft.
                    Diffusion in from water table =    -0.21355    g/sq.ft.
               Total inflow at boundaries =    -0.27510    g/sq.ft.
               Mass discrepancy =    -0.24540E-06g/sq.ft.


Polygon   5
At time =      87.50, total mass in vadose zone =    0.43965E-02g/sq.ft.
Mass in gas phase     =      0.19095E-03g/sq.ft.
Mass in liquid phase  =      0.26895E-03g/sq.ft.
Mass sorbed           =      0.39366E-02g/sq.ft.
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```
Since last printout at time =      87.00
               Change in Total Mass =    -0.95342E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55587E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.35521E-04g/sq.ft.
                    Diffusion in from water table =    -0.54262E-04g/sq.ft.
               Total inflow at boundaries =    -0.95342E-04g/sq.ft.
               Mass discrepancy =    -0.20918E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27520    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21451E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40138E-01g/sq.ft.
                    Diffusion in from water table =    -0.21361    g/sq.ft.
               Total inflow at boundaries =    -0.27520    g/sq.ft.
               Mass discrepancy =    -0.23888E-06g/sq.ft.


Polygon   5
At time =      88.00, total mass in vadose zone =    0.43032E-02g/sq.ft.
Mass in gas phase     =      0.18690E-03g/sq.ft.
Mass in liquid phase  =      0.26324E-03g/sq.ft.
Mass sorbed           =      0.38531E-02g/sq.ft.

Since last printout at time =      87.50
               Change in Total Mass =    -0.93318E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.54407E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.34768E-04g/sq.ft.
                    Diffusion in from water table =    -0.53109E-04g/sq.ft.
               Total inflow at boundaries =    -0.93318E-04g/sq.ft.
               Mass discrepancy =     0.57298E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27529    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21457E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40173E-01g/sq.ft.
                    Diffusion in from water table =    -0.21366    g/sq.ft.
               Total inflow at boundaries =    -0.27529    g/sq.ft.
               Mass discrepancy =    -0.25146E-06g/sq.ft.


Polygon   5
At time =      88.50, total mass in vadose zone =    0.42119E-02g/sq.ft.
Mass in gas phase     =      0.18293E-03g/sq.ft.
Mass in liquid phase  =      0.25765E-03g/sq.ft.
Mass sorbed           =      0.37713E-02g/sq.ft.

Since last printout at time =      88.00
               Change in Total Mass =    -0.91338E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.53251E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.34030E-04g/sq.ft.
                    Diffusion in from water table =    -0.51982E-04g/sq.ft.
               Total inflow at boundaries =    -0.91337E-04g/sq.ft.
               Mass discrepancy =    -0.45247E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27538    g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21462E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40207E-01g/sq.ft.
                    Diffusion in from water table =    -0.21371    g/sq.ft.
               Total inflow at boundaries =    -0.27538    g/sq.ft.
               Mass discrepancy =    -0.27288E-06g/sq.ft.


Polygon   5
At time =      89.00, total mass in vadose zone =    0.41225E-02g/sq.ft.
Mass in gas phase     =      0.17905E-03g/sq.ft.
Mass in liquid phase  =      0.25219E-03g/sq.ft.
Mass sorbed           =      0.36912E-02g/sq.ft.

Since last printout at time =      88.50
               Change in Total Mass =    -0.89398E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52120E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.33309E-04g/sq.ft.
                    Diffusion in from water table =    -0.50878E-04g/sq.ft.
               Total inflow at boundaries =    -0.89398E-04g/sq.ft.
               Mass discrepancy =     0.11869E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27547    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21467E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40240E-01g/sq.ft.
                    Diffusion in from water table =    -0.21376    g/sq.ft.
               Total inflow at boundaries =    -0.27547    g/sq.ft.
               Mass discrepancy =    -0.26217E-06g/sq.ft.


Polygon   5
At time =      89.50, total mass in vadose zone =    0.40350E-02g/sq.ft.
Mass in gas phase     =      0.17525E-03g/sq.ft.
Mass in liquid phase  =      0.24683E-03g/sq.ft.
Mass sorbed           =      0.36129E-02g/sq.ft.

Since last printout at time =      89.00
               Change in Total Mass =    -0.87501E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51013E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.32602E-04g/sq.ft.
                    Diffusion in from water table =    -0.49797E-04g/sq.ft.
               Total inflow at boundaries =    -0.87501E-04g/sq.ft.
               Mass discrepancy =    -0.39108E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27556    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21472E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40273E-01g/sq.ft.
                    Diffusion in from water table =    -0.21381    g/sq.ft.
               Total inflow at boundaries =    -0.27556    g/sq.ft.
               Mass discrepancy =    -0.25751E-06g/sq.ft.


Polygon   5
At time =      90.00, total mass in vadose zone =    0.39493E-02g/sq.ft.
Mass in gas phase     =      0.17153E-03g/sq.ft.
Mass in liquid phase  =      0.24159E-03g/sq.ft.
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Mass sorbed           =      0.35362E-02g/sq.ft.

Since last printout at time =      89.50
               Change in Total Mass =    -0.85643E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49930E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.31910E-04g/sq.ft.
                    Diffusion in from water table =    -0.48740E-04g/sq.ft.
               Total inflow at boundaries =    -0.85643E-04g/sq.ft.
               Mass discrepancy =    -0.40382E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27565    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21477E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40305E-01g/sq.ft.
                    Diffusion in from water table =    -0.21386    g/sq.ft.
               Total inflow at boundaries =    -0.27565    g/sq.ft.
               Mass discrepancy =    -0.26030E-06g/sq.ft.


Polygon   5
At time =      90.50, total mass in vadose zone =    0.38655E-02g/sq.ft.
Mass in gas phase     =      0.16789E-03g/sq.ft.
Mass in liquid phase  =      0.23647E-03g/sq.ft.
Mass sorbed           =      0.34612E-02g/sq.ft.

Since last printout at time =      90.00
               Change in Total Mass =    -0.83825E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.48870E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.31233E-04g/sq.ft.
                    Diffusion in from water table =    -0.47705E-04g/sq.ft.
               Total inflow at boundaries =    -0.83825E-04g/sq.ft.
               Mass discrepancy =     0.25921E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27573    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21482E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40336E-01g/sq.ft.
                    Diffusion in from water table =    -0.21391    g/sq.ft.
               Total inflow at boundaries =    -0.27573    g/sq.ft.
               Mass discrepancy =    -0.26636E-06g/sq.ft.


Polygon   5
At time =      91.00, total mass in vadose zone =    0.37835E-02g/sq.ft.
Mass in gas phase     =      0.16433E-03g/sq.ft.
Mass in liquid phase  =      0.23145E-03g/sq.ft.
Mass sorbed           =      0.33877E-02g/sq.ft.

Since last printout at time =      90.50
               Change in Total Mass =    -0.82046E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47832E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.30571E-04g/sq.ft.
                    Diffusion in from water table =    -0.46692E-04g/sq.ft.
               Total inflow at boundaries =    -0.82046E-04g/sq.ft.
               Mass discrepancy =    -0.61846E-10g/sq.ft.

Since beginning of run at time = 0.0
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               Change in Total Mass =    -0.27581    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21487E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40366E-01g/sq.ft.
                    Diffusion in from water table =    -0.21396    g/sq.ft.
               Total inflow at boundaries =    -0.27581    g/sq.ft.
               Mass discrepancy =    -0.27381E-06g/sq.ft.


Polygon   5
At time =      91.50, total mass in vadose zone =    0.37032E-02g/sq.ft.
Mass in gas phase     =      0.16084E-03g/sq.ft.
Mass in liquid phase  =      0.22653E-03g/sq.ft.
Mass sorbed           =      0.33158E-02g/sq.ft.

Since last printout at time =      91.00
               Change in Total Mass =    -0.80304E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46816E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.29922E-04g/sq.ft.
                    Diffusion in from water table =    -0.45700E-04g/sq.ft.
               Total inflow at boundaries =    -0.80304E-04g/sq.ft.
               Mass discrepancy =    -0.84583E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27589    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21492E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40396E-01g/sq.ft.
                    Diffusion in from water table =    -0.21400    g/sq.ft.
               Total inflow at boundaries =    -0.27589    g/sq.ft.
               Mass discrepancy =    -0.27195E-06g/sq.ft.


Polygon   5
At time =      92.00, total mass in vadose zone =    0.36246E-02g/sq.ft.
Mass in gas phase     =      0.15743E-03g/sq.ft.
Mass in liquid phase  =      0.22173E-03g/sq.ft.
Mass sorbed           =      0.32454E-02g/sq.ft.

Since last printout at time =      91.50
               Change in Total Mass =    -0.78600E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45822E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.29287E-04g/sq.ft.
                    Diffusion in from water table =    -0.44730E-04g/sq.ft.
               Total inflow at boundaries =    -0.78600E-04g/sq.ft.
               Mass discrepancy =    -0.37608E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27597    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21496E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40426E-01g/sq.ft.
                    Diffusion in from water table =    -0.21405    g/sq.ft.
               Total inflow at boundaries =    -0.27597    g/sq.ft.
               Mass discrepancy =    -0.28312E-06g/sq.ft.


Polygon   5
At time =      92.50, total mass in vadose zone =    0.35476E-02g/sq.ft.
Mass in gas phase     =      0.15408E-03g/sq.ft.
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Mass in liquid phase  =      0.21702E-03g/sq.ft.
Mass sorbed           =      0.31765E-02g/sq.ft.

Since last printout at time =      92.00
               Change in Total Mass =    -0.76931E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44849E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.28666E-04g/sq.ft.
                    Diffusion in from water table =    -0.43780E-04g/sq.ft.
               Total inflow at boundaries =    -0.76931E-04g/sq.ft.
               Mass discrepancy =     0.36880E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27605    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21501E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40454E-01g/sq.ft.
                    Diffusion in from water table =    -0.21409    g/sq.ft.
               Total inflow at boundaries =    -0.27605    g/sq.ft.
               Mass discrepancy =    -0.28289E-06g/sq.ft.


Polygon   5
At time =      93.00, total mass in vadose zone =    0.34723E-02g/sq.ft.
Mass in gas phase     =      0.15081E-03g/sq.ft.
Mass in liquid phase  =      0.21241E-03g/sq.ft.
Mass sorbed           =      0.31091E-02g/sq.ft.

Since last printout at time =      92.50
               Change in Total Mass =    -0.75299E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43897E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.28058E-04g/sq.ft.
                    Diffusion in from water table =    -0.42851E-04g/sq.ft.
               Total inflow at boundaries =    -0.75298E-04g/sq.ft.
               Mass discrepancy =    -0.48431E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27612    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21505E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40482E-01g/sq.ft.
                    Diffusion in from water table =    -0.21413    g/sq.ft.
               Total inflow at boundaries =    -0.27612    g/sq.ft.
               Mass discrepancy =    -0.29523E-06g/sq.ft.


Polygon   5
At time =      93.50, total mass in vadose zone =    0.33986E-02g/sq.ft.
Mass in gas phase     =      0.14761E-03g/sq.ft.
Mass in liquid phase  =      0.20791E-03g/sq.ft.
Mass sorbed           =      0.30431E-02g/sq.ft.

Since last printout at time =      93.00
               Change in Total Mass =    -0.73700E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42965E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.27462E-04g/sq.ft.
                    Diffusion in from water table =    -0.41941E-04g/sq.ft.
               Total inflow at boundaries =    -0.73700E-04g/sq.ft.
               Mass discrepancy =     0.43656E-10g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27620    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21509E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40510E-01g/sq.ft.
                    Diffusion in from water table =    -0.21418    g/sq.ft.
               Total inflow at boundaries =    -0.27620    g/sq.ft.
               Mass discrepancy =    -0.29197E-06g/sq.ft.


Polygon   5
At time =      94.00, total mass in vadose zone =    0.33265E-02g/sq.ft.
Mass in gas phase     =      0.14448E-03g/sq.ft.
Mass in liquid phase  =      0.20349E-03g/sq.ft.
Mass sorbed           =      0.29785E-02g/sq.ft.

Since last printout at time =      93.50
               Change in Total Mass =    -0.72136E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42053E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.26880E-04g/sq.ft.
                    Diffusion in from water table =    -0.41050E-04g/sq.ft.
               Total inflow at boundaries =    -0.72135E-04g/sq.ft.
               Mass discrepancy =    -0.64938E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27627    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21514E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40537E-01g/sq.ft.
                    Diffusion in from water table =    -0.21422    g/sq.ft.
               Total inflow at boundaries =    -0.27627    g/sq.ft.
               Mass discrepancy =    -0.28778E-06g/sq.ft.


Polygon   5
At time =      94.50, total mass in vadose zone =    0.32559E-02g/sq.ft.
Mass in gas phase     =      0.14141E-03g/sq.ft.
Mass in liquid phase  =      0.19917E-03g/sq.ft.
Mass sorbed           =      0.29153E-02g/sq.ft.

Since last printout at time =      94.00
               Change in Total Mass =    -0.70604E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41160E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.26309E-04g/sq.ft.
                    Diffusion in from water table =    -0.40179E-04g/sq.ft.
               Total inflow at boundaries =    -0.70604E-04g/sq.ft.
               Mass discrepancy =     0.43838E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27634    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21518E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40563E-01g/sq.ft.
                    Diffusion in from water table =    -0.21426    g/sq.ft.
               Total inflow at boundaries =    -0.27634    g/sq.ft.
               Mass discrepancy =    -0.29360E-06g/sq.ft.


Polygon   5
At time =      95.00, total mass in vadose zone =    0.31868E-02g/sq.ft.
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```
Mass in gas phase     =      0.13841E-03g/sq.ft.
Mass in liquid phase  =      0.19495E-03g/sq.ft.
Mass sorbed           =      0.28534E-02g/sq.ft.

Since last printout at time =      94.50
               Change in Total Mass =    -0.69106E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40286E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.25751E-04g/sq.ft.
                    Diffusion in from water table =    -0.39326E-04g/sq.ft.
               Total inflow at boundaries =    -0.69106E-04g/sq.ft.
               Mass discrepancy =    -0.42473E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27641    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21522E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40589E-01g/sq.ft.
                    Diffusion in from water table =    -0.21430    g/sq.ft.
               Total inflow at boundaries =    -0.27641    g/sq.ft.
               Mass discrepancy =    -0.31223E-06g/sq.ft.


Polygon   5
At time =      95.50, total mass in vadose zone =    0.31191E-02g/sq.ft.
Mass in gas phase     =      0.13547E-03g/sq.ft.
Mass in liquid phase  =      0.19081E-03g/sq.ft.
Mass sorbed           =      0.27929E-02g/sq.ft.

Since last printout at time =      95.00
               Change in Total Mass =    -0.67639E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39430E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.25205E-04g/sq.ft.
                    Diffusion in from water table =    -0.38491E-04g/sq.ft.
               Total inflow at boundaries =    -0.67639E-04g/sq.ft.
               Mass discrepancy =    -0.19463E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27648    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21526E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40614E-01g/sq.ft.
                    Diffusion in from water table =    -0.21434    g/sq.ft.
               Total inflow at boundaries =    -0.27648    g/sq.ft.
               Mass discrepancy =    -0.31292E-06g/sq.ft.


Polygon   5
At time =      96.00, total mass in vadose zone =    0.30529E-02g/sq.ft.
Mass in gas phase     =      0.13260E-03g/sq.ft.
Mass in liquid phase  =      0.18676E-03g/sq.ft.
Mass sorbed           =      0.27336E-02g/sq.ft.

Since last printout at time =      95.50
               Change in Total Mass =    -0.66203E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38593E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.24670E-04g/sq.ft.
                    Diffusion in from water table =    -0.37674E-04g/sq.ft.
               Total inflow at boundaries =    -0.66203E-04g/sq.ft.
               Mass discrepancy =    -0.30923E-10g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27654    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21529E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40639E-01g/sq.ft.
                    Diffusion in from water table =    -0.21437    g/sq.ft.
               Total inflow at boundaries =    -0.27654    g/sq.ft.
               Mass discrepancy =    -0.31386E-06g/sq.ft.


Polygon   5
At time =      96.50, total mass in vadose zone =    0.29881E-02g/sq.ft.
Mass in gas phase     =      0.12978E-03g/sq.ft.
Mass in liquid phase  =      0.18279E-03g/sq.ft.
Mass sorbed           =      0.26756E-02g/sq.ft.

Since last printout at time =      96.00
               Change in Total Mass =    -0.64798E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37774E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.24146E-04g/sq.ft.
                    Diffusion in from water table =    -0.36874E-04g/sq.ft.
               Total inflow at boundaries =    -0.64798E-04g/sq.ft.
               Mass discrepancy =     0.10982E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27661    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21533E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40663E-01g/sq.ft.
                    Diffusion in from water table =    -0.21441    g/sq.ft.
               Total inflow at boundaries =    -0.27661    g/sq.ft.
               Mass discrepancy =    -0.31013E-06g/sq.ft.


Polygon   5
At time =      97.00, total mass in vadose zone =    0.29247E-02g/sq.ft.
Mass in gas phase     =      0.12703E-03g/sq.ft.
Mass in liquid phase  =      0.17891E-03g/sq.ft.
Mass sorbed           =      0.26188E-02g/sq.ft.

Since last printout at time =      96.50
               Change in Total Mass =    -0.63423E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36972E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.23634E-04g/sq.ft.
                    Diffusion in from water table =    -0.36091E-04g/sq.ft.
               Total inflow at boundaries =    -0.63422E-04g/sq.ft.
               Mass discrepancy =    -0.41518E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27667    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21537E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40686E-01g/sq.ft.
                    Diffusion in from water table =    -0.21445    g/sq.ft.
               Total inflow at boundaries =    -0.27667    g/sq.ft.
               Mass discrepancy =    -0.31176E-06g/sq.ft.


Polygon   5
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At time =      97.50, total mass in vadose zone =    0.28626E-02g/sq.ft.
Mass in gas phase     =      0.12433E-03g/sq.ft.
Mass in liquid phase  =      0.17512E-03g/sq.ft.
Mass sorbed           =      0.25632E-02g/sq.ft.

Since last printout at time =      97.00
               Change in Total Mass =    -0.62076E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36187E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.23133E-04g/sq.ft.
                    Diffusion in from water table =    -0.35325E-04g/sq.ft.
               Total inflow at boundaries =    -0.62076E-04g/sq.ft.
               Mass discrepancy =     0.89585E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27673    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21541E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40710E-01g/sq.ft.
                    Diffusion in from water table =    -0.21448    g/sq.ft.
               Total inflow at boundaries =    -0.27673    g/sq.ft.
               Mass discrepancy =    -0.32084E-06g/sq.ft.


Polygon   5
At time =      98.00, total mass in vadose zone =    0.28019E-02g/sq.ft.
Mass in gas phase     =      0.12169E-03g/sq.ft.
Mass in liquid phase  =      0.17140E-03g/sq.ft.
Mass sorbed           =      0.25088E-02g/sq.ft.

Since last printout at time =      97.50
               Change in Total Mass =    -0.60759E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35419E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.22642E-04g/sq.ft.
                    Diffusion in from water table =    -0.34575E-04g/sq.ft.
               Total inflow at boundaries =    -0.60759E-04g/sq.ft.
               Mass discrepancy =    -0.16962E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27679    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21544E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40732E-01g/sq.ft.
                    Diffusion in from water table =    -0.21452    g/sq.ft.
               Total inflow at boundaries =    -0.27679    g/sq.ft.
               Mass discrepancy =    -0.32387E-06g/sq.ft.


Polygon   5
At time =      98.50, total mass in vadose zone =    0.27424E-02g/sq.ft.
Mass in gas phase     =      0.11911E-03g/sq.ft.
Mass in liquid phase  =      0.16776E-03g/sq.ft.
Mass sorbed           =      0.24555E-02g/sq.ft.

Since last printout at time =      98.00
               Change in Total Mass =    -0.59469E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34667E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.22161E-04g/sq.ft.
                    Diffusion in from water table =    -0.33841E-04g/sq.ft.
               Total inflow at boundaries =    -0.59469E-04g/sq.ft.
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               Mass discrepancy =    -0.15962E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27685    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21548E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40754E-01g/sq.ft.
                    Diffusion in from water table =    -0.21455    g/sq.ft.
               Total inflow at boundaries =    -0.27685    g/sq.ft.
               Mass discrepancy =    -0.33737E-06g/sq.ft.


Polygon   5
At time =      99.00, total mass in vadose zone =    0.26842E-02g/sq.ft.
Mass in gas phase     =      0.11658E-03g/sq.ft.
Mass in liquid phase  =      0.16420E-03g/sq.ft.
Mass sorbed           =      0.24034E-02g/sq.ft.

Since last printout at time =      98.50
               Change in Total Mass =    -0.58207E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33931E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.21691E-04g/sq.ft.
                    Diffusion in from water table =    -0.33123E-04g/sq.ft.
               Total inflow at boundaries =    -0.58207E-04g/sq.ft.
               Mass discrepancy =    -0.12506E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27691    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21551E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40776E-01g/sq.ft.
                    Diffusion in from water table =    -0.21458    g/sq.ft.
               Total inflow at boundaries =    -0.27691    g/sq.ft.
               Mass discrepancy =    -0.33271E-06g/sq.ft.


Polygon   5
At time =      99.50, total mass in vadose zone =    0.26272E-02g/sq.ft.
Mass in gas phase     =      0.11411E-03g/sq.ft.
Mass in liquid phase  =      0.16072E-03g/sq.ft.
Mass sorbed           =      0.23524E-02g/sq.ft.

Since last printout at time =      99.00
               Change in Total Mass =    -0.56971E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33211E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.21231E-04g/sq.ft.
                    Diffusion in from water table =    -0.32419E-04g/sq.ft.
               Total inflow at boundaries =    -0.56971E-04g/sq.ft.
               Mass discrepancy =    -0.79808E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27697    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21554E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40797E-01g/sq.ft.
                    Diffusion in from water table =    -0.21462    g/sq.ft.
               Total inflow at boundaries =    -0.27697    g/sq.ft.
               Mass discrepancy =    -0.34249E-06g/sq.ft.
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```
Polygon   5
At time =     100.00, total mass in vadose zone =    0.25715E-02g/sq.ft.
Mass in gas phase     =      0.11169E-03g/sq.ft.
Mass in liquid phase  =      0.15731E-03g/sq.ft.
Mass sorbed           =      0.23025E-02g/sq.ft.

Since last printout at time =      99.50
               Change in Total Mass =    -0.55762E-04g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32506E-05g/sq.ft.
                    Diffusion in from atmosphere =     -0.20780E-04g/sq.ft.
                    Diffusion in from water table =    -0.31731E-04g/sq.ft.
               Total inflow at boundaries =    -0.55762E-04g/sq.ft.
               Mass discrepancy =    -0.23033E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.27702    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21558E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.40818E-01g/sq.ft.
                    Diffusion in from water table =    -0.21465    g/sq.ft.
               Total inflow at boundaries =    -0.27702    g/sq.ft.
               Mass discrepancy =    -0.33528E-06g/sq.ft.


GROUNDWATER IMPACT OF POLYGON   5
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Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
0.50	0.18084E-01	39.268
1.00	0.19095E-01	41.464
1.50	0.19326E-01	41.965
2.00	0.19043E-01	41.350
2.50	0.18434E-01	40.027
3.00	0.17629E-01	38.279
3.50	0.16719E-01	36.303
4.00	0.15765E-01	34.232
4.50	0.14809E-01	32.155
5.00	0.13876E-01	30.130
5.50	0.12983E-01	28.192
6.00	0.12141E-01	26.362
6.50	0.11352E-01	24.649
7.00	0.10618E-01	23.056
7.50	0.99391E-02	21.582
8.00	0.93126E-02	20.221
8.50	0.87357E-02	18.969
9.00	0.82051E-02	17.817
9.50	0.77173E-02	16.757
10.00	0.72689E-02	15.784
10.50	0.68566E-02	14.888
11.00	0.64771E-02	14.065
11.50	0.61277E-02	13.306
12.00	0.58054E-02	12.606
12.50	0.55079E-02	11.960
13.00	0.52328E-02	11.363
13.50	0.49782E-02	10.810
14.00	0.47420E-02	10.297
14.50	0.45227E-02	9.8207
15.00	0.43188E-02	9.3778
15.50	0.41288E-02	8.9652
16.00	0.39515E-02	8.5803
16.50	0.37858E-02	8.2206
17.00	0.36308E-02	7.8840

17.50	0.34855E-02	7.5685
18.00	0.33491E-02	7.2723
18.50	0.32209E-02	6.9939
19.00	0.31002E-02	6.7319
19.50	0.29865E-02	6.4848
20.00	0.28791E-02	6.2516
20.50	0.27776E-02	6.0313
21.00	0.26815E-02	5.8227
21.50	0.25905E-02	5.6251
22.00	0.25042E-02	5.4376
22.50	0.24222E-02	5.2595
23.00	0.23442E-02	5.0902
23.50	0.22699E-02	4.9290
24.00	0.21992E-02	4.7754
24.50	0.21317E-02	4.6289
25.00	0.20673E-02	4.4890
25.50	0.20057E-02	4.3553
26.00	0.19468E-02	4.2273
26.50	0.18904E-02	4.1048
27.00	0.18363E-02	3.9874
27.50	0.17845E-02	3.8748
28.00	0.17347E-02	3.7667
28.50	0.16868E-02	3.6628
29.00	0.16408E-02	3.5630
29.50	0.15966E-02	3.4669
30.00	0.15540E-02	3.3743
30.50	0.15129E-02	3.2852
31.00	0.14733E-02	3.1992
31.50	0.14351E-02	3.1163
32.00	0.13983E-02	3.0362
32.50	0.13626E-02	2.9589
33.00	0.13282E-02	2.8841
33.50	0.12949E-02	2.8118
34.00	0.12627E-02	2.7419
34.50	0.12315E-02	2.6741
35.00	0.12013E-02	2.6086
35.50	0.11721E-02	2.5450
36.00	0.11437E-02	2.4834
36.50	0.11162E-02	2.4237
37.00	0.10895E-02	2.3657
37.50	0.10636E-02	2.3094
38.00	0.10384E-02	2.2548
38.50	0.10140E-02	2.2017
39.00	0.99021E-03	2.1502
39.50	0.96713E-03	2.1000
40.00	0.94468E-03	2.0513
40.50	0.92285E-03	2.0039
41.00	0.90162E-03	1.9578
41.50	0.88095E-03	1.9129
42.00	0.86082E-03	1.8692
42.50	0.84123E-03	1.8267
43.00	0.82215E-03	1.7852
43.50	0.80356E-03	1.7449
44.00	0.78545E-03	1.7055
44.50	0.76780E-03	1.6672
45.00	0.75059E-03	1.6298
45.50	0.73381E-03	1.5934
46.00	0.71745E-03	1.5579
46.50	0.70150E-03	1.5232
47.00	0.68593E-03	1.4894
47.50	0.67074E-03	1.4565
48.00	0.65592E-03	1.4243

48.50	0.64146E-03	1.3929
49.00	0.62734E-03	1.3622
49.50	0.61356E-03	1.3323
50.00	0.60010E-03	1.3031
50.50	0.58696E-03	1.2745
51.00	0.57413E-03	1.2467
51.50	0.56159E-03	1.2194
52.00	0.54935E-03	1.1929
52.50	0.53739E-03	1.1669
53.00	0.52570E-03	1.1415
53.50	0.51429E-03	1.1167
54.00	0.50313E-03	1.0925
54.50	0.49223E-03	1.0688
55.00	0.48157E-03	1.0457
55.50	0.47116E-03	1.0231
56.00	0.46098E-03	1.0010
56.50	0.45103E-03	0.97937
57.00	0.44130E-03	0.95825
57.50	0.43179E-03	0.93760
58.00	0.42249E-03	0.91741
58.50	0.41340E-03	0.89767
59.00	0.40451E-03	0.87836
59.50	0.39582E-03	0.85949
60.00	0.38732E-03	0.84103
60.50	0.37901E-03	0.82298
61.00	0.37088E-03	0.80533
61.50	0.36293E-03	0.78806
62.00	0.35515E-03	0.77117
62.50	0.34754E-03	0.75466
63.00	0.34010E-03	0.73850
63.50	0.33282E-03	0.72270
64.00	0.32570E-03	0.70724
64.50	0.31874E-03	0.69212
65.00	0.31193E-03	0.67732
65.50	0.30526E-03	0.66285
66.00	0.29874E-03	0.64869
66.50	0.29236E-03	0.63484
67.00	0.28612E-03	0.62129
67.50	0.28002E-03	0.60803
68.00	0.27404E-03	0.59506
68.50	0.26820E-03	0.58237
69.00	0.26248E-03	0.56995
69.50	0.25689E-03	0.55780
70.00	0.25141E-03	0.54591
70.50	0.24605E-03	0.53428
71.00	0.24081E-03	0.52290
71.50	0.23568E-03	0.51176
72.00	0.23066E-03	0.50086
72.50	0.22575E-03	0.49020
73.00	0.22095E-03	0.47976
73.50	0.21624E-03	0.46955
74.00	0.21164E-03	0.45956
74.50	0.20714E-03	0.44978
75.00	0.20273E-03	0.44021
75.50	0.19842E-03	0.43084
76.00	0.19420E-03	0.42168
76.50	0.19007E-03	0.41271
77.00	0.18602E-03	0.40393
77.50	0.18207E-03	0.39534
78.00	0.17820E-03	0.38694
78.50	0.17441E-03	0.37871
79.00	0.17070E-03	0.37066

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     79.50         0.16707E-03               0.36278
     80.00         0.16352E-03               0.35507
     80.50         0.16004E-03               0.34752
     81.00         0.15664E-03               0.34014
     81.50         0.15331E-03               0.33291
     82.00         0.15006E-03               0.32583
     82.50         0.14687E-03               0.31891
     83.00         0.14375E-03               0.31213
     83.50         0.14069E-03               0.30550
     84.00         0.13770E-03               0.29901
     84.50         0.13478E-03               0.29266
     85.00         0.13192E-03               0.28644
     85.50         0.12911E-03               0.28036
     86.00         0.12637E-03               0.27440
     86.50         0.12369E-03               0.26858
     87.00         0.12106E-03               0.26287
     87.50         0.11849E-03               0.25729
     88.00         0.11597E-03               0.25182
     88.50         0.11351E-03               0.24648
     89.00         0.11110E-03               0.24124
     89.50         0.10874E-03               0.23612
     90.00         0.10643E-03               0.23110
     90.50         0.10417E-03               0.22620
     91.00         0.10196E-03               0.22139
     91.50         0.99794E-04               0.21669
     92.00         0.97675E-04               0.21209
     92.50         0.95601E-04               0.20759
     93.00         0.93571E-04               0.20318
     93.50         0.91584E-04               0.19887
     94.00         0.89640E-04               0.19464
     94.50         0.87737E-04               0.19051
     95.00         0.85874E-04               0.18647
     95.50         0.84051E-04               0.18251
     96.00         0.82266E-04               0.17863
     96.50         0.80520E-04               0.17484
     97.00         0.78810E-04               0.17113
     97.50         0.77137E-04               0.16750
     98.00         0.75500E-04               0.16394
     98.50         0.73897E-04               0.16046
     99.00         0.72328E-04               0.15705
     99.50         0.70793E-04               0.15372
    100.00         0.69290E-04               0.15046
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Polygon   6
At time =       0.00, total mass in vadose zone =     1.2482    g/sq.ft.
Mass in gas phase     =      0.54215E-01g/sq.ft.
Mass in liquid phase  =      0.76359E-01g/sq.ft.
Mass sorbed           =       1.1177    g/sq.ft.


Polygon   6
At time =       0.50, total mass in vadose zone =     1.1995    g/sq.ft.
Mass in gas phase     =      0.52097E-01g/sq.ft.
Mass in liquid phase  =      0.73376E-01g/sq.ft.
Mass sorbed           =       1.0740    g/sq.ft.

Since last printout at time =       0.00
               Change in Total Mass =    -0.48760E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14647E-02g/sq.ft.
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                    Diffusion in from atmosphere =     -0.23107E-03g/sq.ft.
                    Diffusion in from water table =    -0.47064E-01g/sq.ft.
               Total inflow at boundaries =    -0.48760E-01g/sq.ft.
               Mass discrepancy =     0.70824E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.48760E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14647E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.23107E-03g/sq.ft.
                    Diffusion in from water table =    -0.47064E-01g/sq.ft.
               Total inflow at boundaries =    -0.48760E-01g/sq.ft.
               Mass discrepancy =     0.70824E-07g/sq.ft.


Polygon   6
At time =       1.00, total mass in vadose zone =     1.1476    g/sq.ft.
Mass in gas phase     =      0.49842E-01g/sq.ft.
Mass in liquid phase  =      0.70200E-01g/sq.ft.
Mass sorbed           =       1.0275    g/sq.ft.

Since last printout at time =       0.50
               Change in Total Mass =    -0.51929E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29618E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.23599E-03g/sq.ft.
                    Diffusion in from water table =    -0.48731E-01g/sq.ft.
               Total inflow at boundaries =    -0.51929E-01g/sq.ft.
               Mass discrepancy =    -0.33707E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.10069    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44265E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.46707E-03g/sq.ft.
                    Diffusion in from water table =    -0.95795E-01g/sq.ft.
               Total inflow at boundaries =    -0.10069    g/sq.ft.
               Mass discrepancy =    -0.27451E-06g/sq.ft.


Polygon   6
At time =       1.50, total mass in vadose zone =     1.0951    g/sq.ft.
Mass in gas phase     =      0.47562E-01g/sq.ft.
Mass in liquid phase  =      0.66988E-01g/sq.ft.
Mass sorbed           =      0.98051    g/sq.ft.

Since last printout at time =       1.00
               Change in Total Mass =    -0.52496E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38287E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.25217E-03g/sq.ft.
                    Diffusion in from water table =    -0.48415E-01g/sq.ft.
               Total inflow at boundaries =    -0.52496E-01g/sq.ft.
               Mass discrepancy =     0.32567E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.15318    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82552E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.71924E-03g/sq.ft.
                    Diffusion in from water table =    -0.14421    g/sq.ft.
               Total inflow at boundaries =    -0.15318    g/sq.ft.
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               Mass discrepancy =    -0.24150E-06g/sq.ft.


Polygon   6
At time =       2.00, total mass in vadose zone =     1.0436    g/sq.ft.
Mass in gas phase     =      0.45329E-01g/sq.ft.
Mass in liquid phase  =      0.63843E-01g/sq.ft.
Mass sorbed           =      0.93448    g/sq.ft.

Since last printout at time =       1.50
               Change in Total Mass =    -0.51416E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42710E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.27869E-03g/sq.ft.
                    Diffusion in from water table =    -0.46867E-01g/sq.ft.
               Total inflow at boundaries =    -0.51416E-01g/sq.ft.
               Mass discrepancy =    -0.12841E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.20460    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12526E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.99793E-03g/sq.ft.
                    Diffusion in from water table =    -0.19108    g/sq.ft.
               Total inflow at boundaries =    -0.20460    g/sq.ft.
               Mass discrepancy =    -0.37265E-06g/sq.ft.


Polygon   6
At time =       2.50, total mass in vadose zone =    0.99430    g/sq.ft.
Mass in gas phase     =      0.43185E-01g/sq.ft.
Mass in liquid phase  =      0.60825E-01g/sq.ft.
Mass sorbed           =      0.89029    g/sq.ft.

Since last printout at time =       2.00
               Change in Total Mass =    -0.49346E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44319E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.31455E-03g/sq.ft.
                    Diffusion in from water table =    -0.44599E-01g/sq.ft.
               Total inflow at boundaries =    -0.49346E-01g/sq.ft.
               Mass discrepancy =     0.36176E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.25395    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16958E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13125E-02g/sq.ft.
                    Diffusion in from water table =    -0.23568    g/sq.ft.
               Total inflow at boundaries =    -0.25395    g/sq.ft.
               Mass discrepancy =    -0.32992E-06g/sq.ft.


Polygon   6
At time =       3.00, total mass in vadose zone =    0.94757    g/sq.ft.
Mass in gas phase     =      0.41156E-01g/sq.ft.
Mass in liquid phase  =      0.57966E-01g/sq.ft.
Mass sorbed           =      0.84845    g/sq.ft.

Since last printout at time =       2.50
               Change in Total Mass =    -0.46727E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.44110E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.35867E-03g/sq.ft.
                    Diffusion in from water table =    -0.41958E-01g/sq.ft.
               Total inflow at boundaries =    -0.46727E-01g/sq.ft.
               Mass discrepancy =    -0.56229E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.30067    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21369E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16711E-02g/sq.ft.
                    Diffusion in from water table =    -0.27763    g/sq.ft.
               Total inflow at boundaries =    -0.30067    g/sq.ft.
               Mass discrepancy =    -0.37497E-06g/sq.ft.


Polygon   6
At time =       3.50, total mass in vadose zone =    0.90372    g/sq.ft.
Mass in gas phase     =      0.39251E-01g/sq.ft.
Mass in liquid phase  =      0.55283E-01g/sq.ft.
Mass sorbed           =      0.80918    g/sq.ft.

Since last printout at time =       3.00
               Change in Total Mass =    -0.43856E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42768E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.40994E-03g/sq.ft.
                    Diffusion in from water table =    -0.39169E-01g/sq.ft.
               Total inflow at boundaries =    -0.43856E-01g/sq.ft.
               Mass discrepancy =    -0.56956E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.34453    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25646E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20811E-02g/sq.ft.
                    Diffusion in from water table =    -0.31680    g/sq.ft.
               Total inflow at boundaries =    -0.34453    g/sq.ft.
               Mass discrepancy =    -0.45425E-06g/sq.ft.


Polygon   6
At time =       4.00, total mass in vadose zone =    0.86279    g/sq.ft.
Mass in gas phase     =      0.37474E-01g/sq.ft.
Mass in liquid phase  =      0.52780E-01g/sq.ft.
Mass sorbed           =      0.77254    g/sq.ft.

Since last printout at time =       3.50
               Change in Total Mass =    -0.40924E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40761E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.46724E-03g/sq.ft.
                    Diffusion in from water table =    -0.36381E-01g/sq.ft.
               Total inflow at boundaries =    -0.40924E-01g/sq.ft.
               Mass discrepancy =     0.32887E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.38545    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29722E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25483E-02g/sq.ft.
                    Diffusion in from water table =    -0.35318    g/sq.ft.
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               Total inflow at boundaries =    -0.38545    g/sq.ft.
               Mass discrepancy =    -0.48592E-06g/sq.ft.


Polygon   6
At time =       4.50, total mass in vadose zone =    0.82474    g/sq.ft.
Mass in gas phase     =      0.35821E-01g/sq.ft.
Mass in liquid phase  =      0.50452E-01g/sq.ft.
Mass sorbed           =      0.73847    g/sq.ft.

Since last printout at time =       4.00
               Change in Total Mass =    -0.38053E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38403E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.52946E-03g/sq.ft.
                    Diffusion in from water table =    -0.33684E-01g/sq.ft.
               Total inflow at boundaries =    -0.38053E-01g/sq.ft.
               Mass discrepancy =     0.19674E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.42351    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33562E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30778E-02g/sq.ft.
                    Diffusion in from water table =    -0.38687    g/sq.ft.
               Total inflow at boundaries =    -0.42351    g/sq.ft.
               Mass discrepancy =    -0.47754E-06g/sq.ft.


Polygon   6
At time =       5.00, total mass in vadose zone =    0.78942    g/sq.ft.
Mass in gas phase     =      0.34287E-01g/sq.ft.
Mass in liquid phase  =      0.48292E-01g/sq.ft.
Mass sorbed           =      0.70685    g/sq.ft.

Since last printout at time =       4.50
               Change in Total Mass =    -0.35316E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35902E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.59554E-03g/sq.ft.
                    Diffusion in from water table =    -0.31130E-01g/sq.ft.
               Total inflow at boundaries =    -0.35316E-01g/sq.ft.
               Mass discrepancy =    -0.11455E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.45882    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37153E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.36733E-02g/sq.ft.
                    Diffusion in from water table =    -0.41800    g/sq.ft.
               Total inflow at boundaries =    -0.45882    g/sq.ft.
               Mass discrepancy =    -0.58278E-06g/sq.ft.


Polygon   6
At time =       5.50, total mass in vadose zone =    0.75667    g/sq.ft.
Mass in gas phase     =      0.32864E-01g/sq.ft.
Mass in liquid phase  =      0.46288E-01g/sq.ft.
Mass sorbed           =      0.67752    g/sq.ft.

Since last printout at time =       5.00
               Change in Total Mass =    -0.32753E-01g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33394E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.66445E-03g/sq.ft.
                    Diffusion in from water table =    -0.28749E-01g/sq.ft.
               Total inflow at boundaries =    -0.32753E-01g/sq.ft.
               Mass discrepancy =    -0.30501E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.49158    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40492E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.43378E-02g/sq.ft.
                    Diffusion in from water table =    -0.44675    g/sq.ft.
               Total inflow at boundaries =    -0.49158    g/sq.ft.
               Mass discrepancy =    -0.60583E-06g/sq.ft.


Polygon   6
At time =       6.00, total mass in vadose zone =    0.72629    g/sq.ft.
Mass in gas phase     =      0.31545E-01g/sq.ft.
Mass in liquid phase  =      0.44429E-01g/sq.ft.
Mass sorbed           =      0.65032    g/sq.ft.

Since last printout at time =       5.50
               Change in Total Mass =    -0.30382E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30963E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.73524E-03g/sq.ft.
                    Diffusion in from water table =    -0.26550E-01g/sq.ft.
               Total inflow at boundaries =    -0.30382E-01g/sq.ft.
               Mass discrepancy =     0.45868E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.52196    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43588E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50730E-02g/sq.ft.
                    Diffusion in from water table =    -0.47330    g/sq.ft.
               Total inflow at boundaries =    -0.52196    g/sq.ft.
               Mass discrepancy =    -0.57090E-06g/sq.ft.


Polygon   6
At time =       6.50, total mass in vadose zone =    0.69808    g/sq.ft.
Mass in gas phase     =      0.30320E-01g/sq.ft.
Mass in liquid phase  =      0.42704E-01g/sq.ft.
Mass sorbed           =      0.62506    g/sq.ft.

Since last printout at time =       6.00
               Change in Total Mass =    -0.28207E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28657E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.80702E-03g/sq.ft.
                    Diffusion in from water table =    -0.24534E-01g/sq.ft.
               Total inflow at boundaries =    -0.28207E-01g/sq.ft.
               Mass discrepancy =    -0.89058E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.55017    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46454E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.58800E-02g/sq.ft.
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                    Diffusion in from water table =    -0.49783    g/sq.ft.
               Total inflow at boundaries =    -0.55016    g/sq.ft.
               Mass discrepancy =    -0.70594E-06g/sq.ft.


Polygon   6
At time =       7.00, total mass in vadose zone =    0.67186    g/sq.ft.
Mass in gas phase     =      0.29181E-01g/sq.ft.
Mass in liquid phase  =      0.41100E-01g/sq.ft.
Mass sorbed           =      0.60158    g/sq.ft.

Since last printout at time =       6.50
               Change in Total Mass =    -0.26225E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26502E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.87899E-03g/sq.ft.
                    Diffusion in from water table =    -0.22696E-01g/sq.ft.
               Total inflow at boundaries =    -0.26225E-01g/sq.ft.
               Mass discrepancy =    -0.32713E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.57639    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49104E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67590E-02g/sq.ft.
                    Diffusion in from water table =    -0.52053    g/sq.ft.
               Total inflow at boundaries =    -0.57639    g/sq.ft.
               Mass discrepancy =    -0.72224E-06g/sq.ft.


Polygon   6
At time =       7.50, total mass in vadose zone =    0.64743    g/sq.ft.
Mass in gas phase     =      0.28120E-01g/sq.ft.
Mass in liquid phase  =      0.39606E-01g/sq.ft.
Mass sorbed           =      0.57971    g/sq.ft.

Since last printout at time =       7.00
               Change in Total Mass =    -0.24425E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24510E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.95042E-03g/sq.ft.
                    Diffusion in from water table =    -0.21023E-01g/sq.ft.
               Total inflow at boundaries =    -0.24425E-01g/sq.ft.
               Mass discrepancy =    -0.86962E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.60082    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51555E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.77094E-02g/sq.ft.
                    Diffusion in from water table =    -0.54155    g/sq.ft.
               Total inflow at boundaries =    -0.60081    g/sq.ft.
               Mass discrepancy =    -0.80373E-06g/sq.ft.


Polygon   6
At time =       8.00, total mass in vadose zone =    0.62464    g/sq.ft.
Mass in gas phase     =      0.27130E-01g/sq.ft.
Mass in liquid phase  =      0.38211E-01g/sq.ft.
Mass sorbed           =      0.55930    g/sq.ft.

Since last printout at time =       7.50
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               Change in Total Mass =    -0.22794E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22682E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.10207E-02g/sq.ft.
                    Diffusion in from water table =    -0.19506E-01g/sq.ft.
               Total inflow at boundaries =    -0.22794E-01g/sq.ft.
               Mass discrepancy =    -0.34459E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.62361    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.53823E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.87301E-02g/sq.ft.
                    Diffusion in from water table =    -0.56106    g/sq.ft.
               Total inflow at boundaries =    -0.62361    g/sq.ft.
               Mass discrepancy =    -0.94529E-06g/sq.ft.


Polygon   6
At time =       8.50, total mass in vadose zone =    0.60332    g/sq.ft.
Mass in gas phase     =      0.26204E-01g/sq.ft.
Mass in liquid phase  =      0.36907E-01g/sq.ft.
Mass sorbed           =      0.54021    g/sq.ft.

Since last printout at time =       8.00
               Change in Total Mass =    -0.21320E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21011E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.10892E-02g/sq.ft.
                    Diffusion in from water table =    -0.18129E-01g/sq.ft.
               Total inflow at boundaries =    -0.21320E-01g/sq.ft.
               Mass discrepancy =     0.16997E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.64493    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55925E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.98194E-02g/sq.ft.
                    Diffusion in from water table =    -0.57918    g/sq.ft.
               Total inflow at boundaries =    -0.64493    g/sq.ft.
               Mass discrepancy =    -0.94529E-06g/sq.ft.


Polygon   6
At time =       9.00, total mass in vadose zone =    0.58333    g/sq.ft.
Mass in gas phase     =      0.25336E-01g/sq.ft.
Mass in liquid phase  =      0.35684E-01g/sq.ft.
Mass sorbed           =      0.52231    g/sq.ft.

Since last printout at time =       8.50
               Change in Total Mass =    -0.19986E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19490E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.11556E-02g/sq.ft.
                    Diffusion in from water table =    -0.16881E-01g/sq.ft.
               Total inflow at boundaries =    -0.19986E-01g/sq.ft.
               Mass discrepancy =    -0.48894E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.66492    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.57874E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.10975E-01g/sq.ft.
                    Diffusion in from water table =    -0.59607    g/sq.ft.
               Total inflow at boundaries =    -0.66491    g/sq.ft.
               Mass discrepancy =    -0.10068E-05g/sq.ft.


Polygon   6
At time =       9.50, total mass in vadose zone =    0.56455    g/sq.ft.
Mass in gas phase     =      0.24520E-01g/sq.ft.
Mass in liquid phase  =      0.34535E-01g/sq.ft.
Mass sorbed           =      0.50550    g/sq.ft.

Since last printout at time =       9.00
               Change in Total Mass =    -0.18780E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18108E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.12193E-02g/sq.ft.
                    Diffusion in from water table =    -0.15750E-01g/sq.ft.
               Total inflow at boundaries =    -0.18780E-01g/sq.ft.
               Mass discrepancy =    -0.11059E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.68370    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59684E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12194E-01g/sq.ft.
                    Diffusion in from water table =    -0.61182    g/sq.ft.
               Total inflow at boundaries =    -0.68369    g/sq.ft.
               Mass discrepancy =    -0.96578E-06g/sq.ft.


Polygon   6
At time =      10.00, total mass in vadose zone =    0.54686    g/sq.ft.
Mass in gas phase     =      0.23752E-01g/sq.ft.
Mass in liquid phase  =      0.33453E-01g/sq.ft.
Mass sorbed           =      0.48966    g/sq.ft.

Since last printout at time =       9.50
               Change in Total Mass =    -0.17688E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16853E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.12801E-02g/sq.ft.
                    Diffusion in from water table =    -0.14723E-01g/sq.ft.
               Total inflow at boundaries =    -0.17688E-01g/sq.ft.
               Mass discrepancy =    -0.42841E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.70138    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61370E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13474E-01g/sq.ft.
                    Diffusion in from water table =    -0.62654    g/sq.ft.
               Total inflow at boundaries =    -0.70138    g/sq.ft.
               Mass discrepancy =    -0.10245E-05g/sq.ft.


Polygon   6
At time =      10.50, total mass in vadose zone =    0.53017    g/sq.ft.
Mass in gas phase     =      0.23027E-01g/sq.ft.
Mass in liquid phase  =      0.32432E-01g/sq.ft.
Mass sorbed           =      0.47471    g/sq.ft.
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Since last printout at time =      10.00
               Change in Total Mass =    -0.16699E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15713E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.13377E-02g/sq.ft.
                    Diffusion in from water table =    -0.13790E-01g/sq.ft.
               Total inflow at boundaries =    -0.16699E-01g/sq.ft.
               Mass discrepancy =     0.11642E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.71808    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.62941E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14812E-01g/sq.ft.
                    Diffusion in from water table =    -0.64033    g/sq.ft.
               Total inflow at boundaries =    -0.71808    g/sq.ft.
               Mass discrepancy =    -0.10310E-05g/sq.ft.


Polygon   6
At time =      11.00, total mass in vadose zone =    0.51437    g/sq.ft.
Mass in gas phase     =      0.22340E-01g/sq.ft.
Mass in liquid phase  =      0.31465E-01g/sq.ft.
Mass sorbed           =      0.46056    g/sq.ft.

Since last printout at time =      10.50
               Change in Total Mass =    -0.15800E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14679E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.13919E-02g/sq.ft.
                    Diffusion in from water table =    -0.12941E-01g/sq.ft.
               Total inflow at boundaries =    -0.15800E-01g/sq.ft.
               Mass discrepancy =    -0.33993E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.73388    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.64409E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.16204E-01g/sq.ft.
                    Diffusion in from water table =    -0.65327    g/sq.ft.
               Total inflow at boundaries =    -0.73388    g/sq.ft.
               Mass discrepancy =    -0.92946E-06g/sq.ft.


Polygon   6
At time =      11.50, total mass in vadose zone =    0.49938    g/sq.ft.
Mass in gas phase     =      0.21690E-01g/sq.ft.
Mass in liquid phase  =      0.30549E-01g/sq.ft.
Mass sorbed           =      0.44714    g/sq.ft.

Since last printout at time =      11.00
               Change in Total Mass =    -0.14983E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13739E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.14425E-02g/sq.ft.
                    Diffusion in from water table =    -0.12167E-01g/sq.ft.
               Total inflow at boundaries =    -0.14983E-01g/sq.ft.
               Mass discrepancy =    -0.80327E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.74887    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.65783E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.17646E-01g/sq.ft.
                    Diffusion in from water table =    -0.66544    g/sq.ft.
               Total inflow at boundaries =    -0.74886    g/sq.ft.
               Mass discrepancy =    -0.93691E-06g/sq.ft.


Polygon   6
At time =      12.00, total mass in vadose zone =    0.48514    g/sq.ft.
Mass in gas phase     =      0.21071E-01g/sq.ft.
Mass in liquid phase  =      0.29678E-01g/sq.ft.
Mass sorbed           =      0.43440    g/sq.ft.

Since last printout at time =      11.50
               Change in Total Mass =    -0.14238E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12884E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.14895E-02g/sq.ft.
                    Diffusion in from water table =    -0.11460E-01g/sq.ft.
               Total inflow at boundaries =    -0.14238E-01g/sq.ft.
               Mass discrepancy =    -0.55530E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.76310    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67071E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.19136E-01g/sq.ft.
                    Diffusion in from water table =    -0.67690    g/sq.ft.
               Total inflow at boundaries =    -0.76310    g/sq.ft.
               Mass discrepancy =    -0.10319E-05g/sq.ft.


Polygon   6
At time =      12.50, total mass in vadose zone =    0.47159    g/sq.ft.
Mass in gas phase     =      0.20482E-01g/sq.ft.
Mass in liquid phase  =      0.28848E-01g/sq.ft.
Mass sorbed           =      0.42226    g/sq.ft.

Since last printout at time =      12.00
               Change in Total Mass =    -0.13558E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12105E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.15327E-02g/sq.ft.
                    Diffusion in from water table =    -0.10814E-01g/sq.ft.
               Total inflow at boundaries =    -0.13558E-01g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.77666    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68282E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.20668E-01g/sq.ft.
                    Diffusion in from water table =    -0.68771    g/sq.ft.
               Total inflow at boundaries =    -0.77666    g/sq.ft.
               Mass discrepancy =    -0.11269E-05g/sq.ft.


Polygon   6
At time =      13.00, total mass in vadose zone =    0.45865    g/sq.ft.
Mass in gas phase     =      0.19921E-01g/sq.ft.
Mass in liquid phase  =      0.28057E-01g/sq.ft.
Mass sorbed           =      0.41067    g/sq.ft.
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```
Since last printout at time =      12.50
               Change in Total Mass =    -0.12934E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11394E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.15723E-02g/sq.ft.
                    Diffusion in from water table =    -0.10222E-01g/sq.ft.
               Total inflow at boundaries =    -0.12934E-01g/sq.ft.
               Mass discrepancy =    -0.16415E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.78960    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.69421E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.22241E-01g/sq.ft.
                    Diffusion in from water table =    -0.69793    g/sq.ft.
               Total inflow at boundaries =    -0.78959    g/sq.ft.
               Mass discrepancy =    -0.11642E-05g/sq.ft.


Polygon   6
At time =      13.50, total mass in vadose zone =    0.44629    g/sq.ft.
Mass in gas phase     =      0.19384E-01g/sq.ft.
Mass in liquid phase  =      0.27301E-01g/sq.ft.
Mass sorbed           =      0.39961    g/sq.ft.

Since last printout at time =      13.00
               Change in Total Mass =    -0.12361E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10744E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.16081E-02g/sq.ft.
                    Diffusion in from water table =    -0.96788E-02g/sq.ft.
               Total inflow at boundaries =    -0.12361E-01g/sq.ft.
               Mass discrepancy =    -0.81491E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.80196    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.70495E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.23849E-01g/sq.ft.
                    Diffusion in from water table =    -0.70761    g/sq.ft.
               Total inflow at boundaries =    -0.80196    g/sq.ft.
               Mass discrepancy =    -0.12033E-05g/sq.ft.


Polygon   6
At time =      14.00, total mass in vadose zone =    0.43446    g/sq.ft.
Mass in gas phase     =      0.18870E-01g/sq.ft.
Mass in liquid phase  =      0.26577E-01g/sq.ft.
Mass sorbed           =      0.38901    g/sq.ft.

Since last printout at time =      13.50
               Change in Total Mass =    -0.11834E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10149E-02g/sq.ft.
                    Diffusion in from atmosphere =     -0.16403E-02g/sq.ft.
                    Diffusion in from water table =    -0.91788E-02g/sq.ft.
               Total inflow at boundaries =    -0.11834E-01g/sq.ft.
               Mass discrepancy =    -0.19441E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.81379    g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71510E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.25489E-01g/sq.ft.
                    Diffusion in from water table =    -0.71679    g/sq.ft.
               Total inflow at boundaries =    -0.81379    g/sq.ft.
               Mass discrepancy =    -0.11846E-05g/sq.ft.


Polygon   6
At time =      14.50, total mass in vadose zone =    0.42311    g/sq.ft.
Mass in gas phase     =      0.18377E-01g/sq.ft.
Mass in liquid phase  =      0.25883E-01g/sq.ft.
Mass sorbed           =      0.37885    g/sq.ft.

Since last printout at time =      14.00
               Change in Total Mass =    -0.11347E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96035E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16689E-02g/sq.ft.
                    Diffusion in from water table =    -0.87179E-02g/sq.ft.
               Total inflow at boundaries =    -0.11347E-01g/sq.ft.
               Mass discrepancy =    -0.75670E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.82514    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.72471E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.27158E-01g/sq.ft.
                    Diffusion in from water table =    -0.72551    g/sq.ft.
               Total inflow at boundaries =    -0.82514    g/sq.ft.
               Mass discrepancy =    -0.12629E-05g/sq.ft.


Polygon   6
At time =      15.00, total mass in vadose zone =    0.41221    g/sq.ft.
Mass in gas phase     =      0.17904E-01g/sq.ft.
Mass in liquid phase  =      0.25216E-01g/sq.ft.
Mass sorbed           =      0.36909    g/sq.ft.

Since last printout at time =      14.50
               Change in Total Mass =    -0.10896E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91019E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16939E-02g/sq.ft.
                    Diffusion in from water table =    -0.82922E-02g/sq.ft.
               Total inflow at boundaries =    -0.10896E-01g/sq.ft.
               Mass discrepancy =    -0.93132E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.83603    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.73381E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.28852E-01g/sq.ft.
                    Diffusion in from water table =    -0.73380    g/sq.ft.
               Total inflow at boundaries =    -0.83603    g/sq.ft.
               Mass discrepancy =    -0.13579E-05g/sq.ft.


Polygon   6
At time =      15.50, total mass in vadose zone =    0.40174    g/sq.ft.
Mass in gas phase     =      0.17449E-01g/sq.ft.
Mass in liquid phase  =      0.24575E-01g/sq.ft.
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Mass sorbed           =      0.35971    g/sq.ft.

Since last printout at time =      15.00
               Change in Total Mass =    -0.10478E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86398E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17156E-02g/sq.ft.
                    Diffusion in from water table =    -0.78983E-02g/sq.ft.
               Total inflow at boundaries =    -0.10478E-01g/sq.ft.
               Mass discrepancy =     0.15832E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.84651    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.74245E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.30568E-01g/sq.ft.
                    Diffusion in from water table =    -0.74170    g/sq.ft.
               Total inflow at boundaries =    -0.84651    g/sq.ft.
               Mass discrepancy =    -0.13188E-05g/sq.ft.


Polygon   6
At time =      16.00, total mass in vadose zone =    0.39165    g/sq.ft.
Mass in gas phase     =      0.17010E-01g/sq.ft.
Mass in liquid phase  =      0.23958E-01g/sq.ft.
Mass sorbed           =      0.35068    g/sq.ft.

Since last printout at time =      15.50
               Change in Total Mass =    -0.10088E-01g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82135E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17339E-02g/sq.ft.
                    Diffusion in from water table =    -0.75331E-02g/sq.ft.
               Total inflow at boundaries =    -0.10088E-01g/sq.ft.
               Mass discrepancy =    -0.38708E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.85660    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.75066E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.32301E-01g/sq.ft.
                    Diffusion in from water table =    -0.74923    g/sq.ft.
               Total inflow at boundaries =    -0.85660    g/sq.ft.
               Mass discrepancy =    -0.13225E-05g/sq.ft.


Polygon   6
At time =      16.50, total mass in vadose zone =    0.38192    g/sq.ft.
Mass in gas phase     =      0.16588E-01g/sq.ft.
Mass in liquid phase  =      0.23363E-01g/sq.ft.
Mass sorbed           =      0.34197    g/sq.ft.

Since last printout at time =      16.00
               Change in Total Mass =    -0.97249E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.78192E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17491E-02g/sq.ft.
                    Diffusion in from water table =    -0.71939E-02g/sq.ft.
               Total inflow at boundaries =    -0.97249E-02g/sq.ft.
               Mass discrepancy =     0.42492E-08g/sq.ft.

Since beginning of run at time = 0.0
```

```
               Change in Total Mass =    -0.86633    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.75848E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.34051E-01g/sq.ft.
                    Diffusion in from water table =    -0.75643    g/sq.ft.
               Total inflow at boundaries =    -0.86632    g/sq.ft.
               Mass discrepancy =    -0.13113E-05g/sq.ft.


Polygon   6
At time =      17.00, total mass in vadose zone =    0.37254    g/sq.ft.
Mass in gas phase     =      0.16180E-01g/sq.ft.
Mass in liquid phase  =      0.22789E-01g/sq.ft.
Mass sorbed           =      0.33357    g/sq.ft.

Since last printout at time =      16.50
               Change in Total Mass =    -0.93849E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.74540E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17613E-02g/sq.ft.
                    Diffusion in from water table =    -0.68782E-02g/sq.ft.
               Total inflow at boundaries =    -0.93849E-02g/sq.ft.
               Mass discrepancy =    -0.40163E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.87571    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.76593E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.35812E-01g/sq.ft.
                    Diffusion in from water table =    -0.76330    g/sq.ft.
               Total inflow at boundaries =    -0.87571    g/sq.ft.
               Mass discrepancy =    -0.13262E-05g/sq.ft.


Polygon   6
At time =      17.50, total mass in vadose zone =    0.36347    g/sq.ft.
Mass in gas phase     =      0.15787E-01g/sq.ft.
Mass in liquid phase  =      0.22235E-01g/sq.ft.
Mass sorbed           =      0.32545    g/sq.ft.

Since last printout at time =      17.00
               Change in Total Mass =    -0.90660E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71151E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17706E-02g/sq.ft.
                    Diffusion in from water table =    -0.65838E-02g/sq.ft.
               Total inflow at boundaries =    -0.90660E-02g/sq.ft.
               Mass discrepancy =     0.33004E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.88478    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77305E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.37583E-01g/sq.ft.
                    Diffusion in from water table =    -0.76989    g/sq.ft.
               Total inflow at boundaries =    -0.88478    g/sq.ft.
               Mass discrepancy =    -0.14007E-05g/sq.ft.


Polygon   6
At time =      18.00, total mass in vadose zone =    0.35471    g/sq.ft.
Mass in gas phase     =      0.15406E-01g/sq.ft.
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Mass in liquid phase  =      0.21698E-01g/sq.ft.
Mass sorbed           =      0.31760    g/sq.ft.

Since last printout at time =      17.50
               Change in Total Mass =    -0.87662E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.67999E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17772E-02g/sq.ft.
                    Diffusion in from water table =    -0.63090E-02g/sq.ft.
               Total inflow at boundaries =    -0.87662E-02g/sq.ft.
               Mass discrepancy =    -0.14435E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.89354    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77985E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.39360E-01g/sq.ft.
                    Diffusion in from water table =    -0.77620    g/sq.ft.
               Total inflow at boundaries =    -0.89354    g/sq.ft.
               Mass discrepancy =    -0.14342E-05g/sq.ft.


Polygon   6
At time =      18.50, total mass in vadose zone =    0.34622    g/sq.ft.
Mass in gas phase     =      0.15037E-01g/sq.ft.
Mass in liquid phase  =      0.21179E-01g/sq.ft.
Mass sorbed           =      0.31001    g/sq.ft.

Since last printout at time =      18.00
               Change in Total Mass =    -0.84838E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65062E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17812E-02g/sq.ft.
                    Diffusion in from water table =    -0.60519E-02g/sq.ft.
               Total inflow at boundaries =    -0.84837E-02g/sq.ft.
               Mass discrepancy =    -0.69675E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.90203    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.78636E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.41141E-01g/sq.ft.
                    Diffusion in from water table =    -0.78225    g/sq.ft.
               Total inflow at boundaries =    -0.90203    g/sq.ft.
               Mass discrepancy =    -0.15423E-05g/sq.ft.


Polygon   6
At time =      19.00, total mass in vadose zone =    0.33800    g/sq.ft.
Mass in gas phase     =      0.14681E-01g/sq.ft.
Mass in liquid phase  =      0.20677E-01g/sq.ft.
Mass sorbed           =      0.30265    g/sq.ft.

Since last printout at time =      18.50
               Change in Total Mass =    -0.82169E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.62322E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17828E-02g/sq.ft.
                    Diffusion in from water table =    -0.58109E-02g/sq.ft.
               Total inflow at boundaries =    -0.82169E-02g/sq.ft.
               Mass discrepancy =    -0.19849E-07g/sq.ft.
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Since beginning of run at time = 0.0
               Change in Total Mass =    -0.91024    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.79259E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.42924E-01g/sq.ft.
                    Diffusion in from water table =    -0.78806    g/sq.ft.
               Total inflow at boundaries =    -0.91024    g/sq.ft.
               Mass discrepancy =    -0.14044E-05g/sq.ft.


Polygon   6
At time =      19.50, total mass in vadose zone =    0.33004    g/sq.ft.
Mass in gas phase     =      0.14335E-01g/sq.ft.
Mass in liquid phase  =      0.20190E-01g/sq.ft.
Mass sorbed           =      0.29552    g/sq.ft.

Since last printout at time =      19.00
               Change in Total Mass =    -0.79644E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59761E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17820E-02g/sq.ft.
                    Diffusion in from water table =    -0.55848E-02g/sq.ft.
               Total inflow at boundaries =    -0.79645E-02g/sq.ft.
               Mass discrepancy =     0.34110E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.91821    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.79856E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.44706E-01g/sq.ft.
                    Diffusion in from water table =    -0.79364    g/sq.ft.
               Total inflow at boundaries =    -0.91821    g/sq.ft.
               Mass discrepancy =    -0.13001E-05g/sq.ft.


Polygon   6
At time =      20.00, total mass in vadose zone =    0.32232    g/sq.ft.
Mass in gas phase     =      0.13999E-01g/sq.ft.
Mass in liquid phase  =      0.19717E-01g/sq.ft.
Mass sorbed           =      0.28860    g/sq.ft.

Since last printout at time =      19.50
               Change in Total Mass =    -0.77251E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.57362E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17791E-02g/sq.ft.
                    Diffusion in from water table =    -0.53723E-02g/sq.ft.
               Total inflow at boundaries =    -0.77251E-02g/sq.ft.
               Mass discrepancy =     0.79744E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.92593    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.80430E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.46485E-01g/sq.ft.
                    Diffusion in from water table =    -0.79902    g/sq.ft.
               Total inflow at boundaries =    -0.92593    g/sq.ft.
               Mass discrepancy =    -0.12442E-05g/sq.ft.


Polygon   6
At time =      20.50, total mass in vadose zone =    0.31482    g/sq.ft.
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Mass in gas phase     =      0.13673E-01g/sq.ft.
Mass in liquid phase  =      0.19258E-01g/sq.ft.
Mass sorbed           =      0.28189    g/sq.ft.

Since last printout at time =      20.00
               Change in Total Mass =    -0.74976E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.55112E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17743E-02g/sq.ft.
                    Diffusion in from water table =    -0.51722E-02g/sq.ft.
               Total inflow at boundaries =    -0.74976E-02g/sq.ft.
               Mass discrepancy =    -0.19150E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.93343    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.80981E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.48259E-01g/sq.ft.
                    Diffusion in from water table =    -0.80419    g/sq.ft.
               Total inflow at boundaries =    -0.93343    g/sq.ft.
               Mass discrepancy =    -0.12890E-05g/sq.ft.


Polygon   6
At time =      21.00, total mass in vadose zone =    0.30754    g/sq.ft.
Mass in gas phase     =      0.13357E-01g/sq.ft.
Mass in liquid phase  =      0.18813E-01g/sq.ft.
Mass sorbed           =      0.27537    g/sq.ft.

Since last printout at time =      20.50
               Change in Total Mass =    -0.72812E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52999E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17675E-02g/sq.ft.
                    Diffusion in from water table =    -0.49836E-02g/sq.ft.
               Total inflow at boundaries =    -0.72811E-02g/sq.ft.
               Mass discrepancy =    -0.24680E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.94071    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.81511E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.50027E-01g/sq.ft.
                    Diffusion in from water table =    -0.80917    g/sq.ft.
               Total inflow at boundaries =    -0.94071    g/sq.ft.
               Mass discrepancy =    -0.13188E-05g/sq.ft.


Polygon   6
At time =      21.50, total mass in vadose zone =    0.30046    g/sq.ft.
Mass in gas phase     =      0.13050E-01g/sq.ft.
Mass in liquid phase  =      0.18380E-01g/sq.ft.
Mass sorbed           =      0.26903    g/sq.ft.

Since last printout at time =      21.00
               Change in Total Mass =    -0.70747E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51011E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17591E-02g/sq.ft.
                    Diffusion in from water table =    -0.48055E-02g/sq.ft.
               Total inflow at boundaries =    -0.70747E-02g/sq.ft.
               Mass discrepancy =    -0.26484E-07g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =    -0.94779    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82021E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.51786E-01g/sq.ft.
                    Diffusion in from water table =    -0.81398    g/sq.ft.
               Total inflow at boundaries =    -0.94779    g/sq.ft.
               Mass discrepancy =    -0.13784E-05g/sq.ft.


Polygon   6
At time =      22.00, total mass in vadose zone =    0.29358    g/sq.ft.
Mass in gas phase     =      0.12751E-01g/sq.ft.
Mass in liquid phase  =      0.17959E-01g/sq.ft.
Mass sorbed           =      0.26287    g/sq.ft.

Since last printout at time =      21.50
               Change in Total Mass =    -0.68776E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49137E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17490E-02g/sq.ft.
                    Diffusion in from water table =    -0.46372E-02g/sq.ft.
               Total inflow at boundaries =    -0.68776E-02g/sq.ft.
               Mass discrepancy =     0.18568E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.95466    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82513E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.53535E-01g/sq.ft.
                    Diffusion in from water table =    -0.81862    g/sq.ft.
               Total inflow at boundaries =    -0.95466    g/sq.ft.
               Mass discrepancy =    -0.14342E-05g/sq.ft.


Polygon   6
At time =      22.50, total mass in vadose zone =    0.28690    g/sq.ft.
Mass in gas phase     =      0.12461E-01g/sq.ft.
Mass in liquid phase  =      0.17550E-01g/sq.ft.
Mass sorbed           =      0.25688    g/sq.ft.

Since last printout at time =      22.00
               Change in Total Mass =    -0.66891E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47370E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17375E-02g/sq.ft.
                    Diffusion in from water table =    -0.44779E-02g/sq.ft.
               Total inflow at boundaries =    -0.66890E-02g/sq.ft.
               Mass discrepancy =    -0.58615E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.96135    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82986E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.55272E-01g/sq.ft.
                    Diffusion in from water table =    -0.82309    g/sq.ft.
               Total inflow at boundaries =    -0.96135    g/sq.ft.
               Mass discrepancy =    -0.15572E-05g/sq.ft.


Polygon   6
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At time =      23.00, total mass in vadose zone =    0.28039    g/sq.ft.
Mass in gas phase     =      0.12178E-01g/sq.ft.
Mass in liquid phase  =      0.17152E-01g/sq.ft.
Mass sorbed           =      0.25106    g/sq.ft.

Since last printout at time =      22.50
               Change in Total Mass =    -0.65084E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45699E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17246E-02g/sq.ft.
                    Diffusion in from water table =    -0.43268E-02g/sq.ft.
               Total inflow at boundaries =    -0.65084E-02g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.96786    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.83443E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.56997E-01g/sq.ft.
                    Diffusion in from water table =    -0.82742    g/sq.ft.
               Total inflow at boundaries =    -0.96786    g/sq.ft.
               Mass discrepancy =    -0.15795E-05g/sq.ft.


Polygon   6
At time =      23.50, total mass in vadose zone =    0.27405    g/sq.ft.
Mass in gas phase     =      0.11903E-01g/sq.ft.
Mass in liquid phase  =      0.16765E-01g/sq.ft.
Mass sorbed           =      0.24538    g/sq.ft.

Since last printout at time =      23.00
               Change in Total Mass =    -0.63352E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44119E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.17105E-02g/sq.ft.
                    Diffusion in from water table =    -0.41835E-02g/sq.ft.
               Total inflow at boundaries =    -0.63352E-02g/sq.ft.
               Mass discrepancy =    -0.16065E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.97420    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.83884E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.58707E-01g/sq.ft.
                    Diffusion in from water table =    -0.83160    g/sq.ft.
               Total inflow at boundaries =    -0.97420    g/sq.ft.
               Mass discrepancy =    -0.16019E-05g/sq.ft.


Polygon   6
At time =      24.00, total mass in vadose zone =    0.26788    g/sq.ft.
Mass in gas phase     =      0.11635E-01g/sq.ft.
Mass in liquid phase  =      0.16387E-01g/sq.ft.
Mass sorbed           =      0.23986    g/sq.ft.

Since last printout at time =      23.50
               Change in Total Mass =    -0.61688E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42622E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16953E-02g/sq.ft.
                    Diffusion in from water table =    -0.40474E-02g/sq.ft.
               Total inflow at boundaries =    -0.61688E-02g/sq.ft.
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               Mass discrepancy =     0.57335E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.98037    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.84311E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.60403E-01g/sq.ft.
                    Diffusion in from water table =    -0.83565    g/sq.ft.
               Total inflow at boundaries =    -0.98036    g/sq.ft.
               Mass discrepancy =    -0.15236E-05g/sq.ft.


Polygon   6
At time =      24.50, total mass in vadose zone =    0.26187    g/sq.ft.
Mass in gas phase     =      0.11374E-01g/sq.ft.
Mass in liquid phase  =      0.16020E-01g/sq.ft.
Mass sorbed           =      0.23448    g/sq.ft.

Since last printout at time =      24.00
               Change in Total Mass =    -0.60089E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41202E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16790E-02g/sq.ft.
                    Diffusion in from water table =    -0.39179E-02g/sq.ft.
               Total inflow at boundaries =    -0.60089E-02g/sq.ft.
               Mass discrepancy =    -0.11467E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.98637    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.84723E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.62082E-01g/sq.ft.
                    Diffusion in from water table =    -0.83957    g/sq.ft.
               Total inflow at boundaries =    -0.98637    g/sq.ft.
               Mass discrepancy =    -0.15870E-05g/sq.ft.


Polygon   6
At time =      25.00, total mass in vadose zone =    0.25602    g/sq.ft.
Mass in gas phase     =      0.11120E-01g/sq.ft.
Mass in liquid phase  =      0.15661E-01g/sq.ft.
Mass sorbed           =      0.22924    g/sq.ft.

Since last printout at time =      24.50
               Change in Total Mass =    -0.58549E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39854E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16618E-02g/sq.ft.
                    Diffusion in from water table =    -0.37945E-02g/sq.ft.
               Total inflow at boundaries =    -0.58549E-02g/sq.ft.
               Mass discrepancy =    -0.38475E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.99223    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.85121E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.63743E-01g/sq.ft.
                    Diffusion in from water table =    -0.84336    g/sq.ft.
               Total inflow at boundaries =    -0.99223    g/sq.ft.
               Mass discrepancy =    -0.15050E-05g/sq.ft.
```

```
Polygon   6
At time =      25.50, total mass in vadose zone =    0.25031    g/sq.ft.
Mass in gas phase     =      0.10872E-01g/sq.ft.
Mass in liquid phase  =      0.15312E-01g/sq.ft.
Mass sorbed           =      0.22413    g/sq.ft.

Since last printout at time =      25.00
               Change in Total Mass =    -0.57065E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38572E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16438E-02g/sq.ft.
                    Diffusion in from water table =    -0.36770E-02g/sq.ft.
               Total inflow at boundaries =    -0.57065E-02g/sq.ft.
               Mass discrepancy =    -0.78289E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =    -0.99794    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.85507E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.65387E-01g/sq.ft.
                    Diffusion in from water table =    -0.84704    g/sq.ft.
               Total inflow at boundaries =    -0.99793    g/sq.ft.
               Mass discrepancy =    -0.14380E-05g/sq.ft.


Polygon   6
At time =      26.00, total mass in vadose zone =    0.24475    g/sq.ft.
Mass in gas phase     =      0.10630E-01g/sq.ft.
Mass in liquid phase  =      0.14972E-01g/sq.ft.
Mass sorbed           =      0.21915    g/sq.ft.

Since last printout at time =      25.50
               Change in Total Mass =    -0.55634E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37352E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16250E-02g/sq.ft.
                    Diffusion in from water table =    -0.35648E-02g/sq.ft.
               Total inflow at boundaries =    -0.55634E-02g/sq.ft.
               Mass discrepancy =    -0.24505E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0035    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.85880E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.67012E-01g/sq.ft.
                    Diffusion in from water table =    -0.85061    g/sq.ft.
               Total inflow at boundaries =     -1.0035    g/sq.ft.
               Mass discrepancy =    -0.13858E-05g/sq.ft.


Polygon   6
At time =      26.50, total mass in vadose zone =    0.23932    g/sq.ft.
Mass in gas phase     =      0.10395E-01g/sq.ft.
Mass in liquid phase  =      0.14640E-01g/sq.ft.
Mass sorbed           =      0.21429    g/sq.ft.

Since last printout at time =      26.00
               Change in Total Mass =    -0.54252E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36189E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.16056E-02g/sq.ft.
                    Diffusion in from water table =    -0.34577E-02g/sq.ft.
```

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               Total inflow at boundaries =    -0.54252E-02g/sq.ft.
               Mass discrepancy =     0.13970E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0089    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86242E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.68618E-01g/sq.ft.
                    Diffusion in from water table =    -0.85406    g/sq.ft.
               Total inflow at boundaries =     -1.0089    g/sq.ft.
               Mass discrepancy =    -0.13933E-05g/sq.ft.


Polygon   6
At time =      27.00, total mass in vadose zone =    0.23403    g/sq.ft.
Mass in gas phase     =      0.10165E-01g/sq.ft.
Mass in liquid phase  =      0.14316E-01g/sq.ft.
Mass sorbed           =      0.20955    g/sq.ft.

Since last printout at time =      26.50
               Change in Total Mass =    -0.52917E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35080E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.15856E-02g/sq.ft.
                    Diffusion in from water table =    -0.33552E-02g/sq.ft.
               Total inflow at boundaries =    -0.52917E-02g/sq.ft.
               Mass discrepancy =    -0.80036E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0142    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86593E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.70204E-01g/sq.ft.
                    Diffusion in from water table =    -0.85742    g/sq.ft.
               Total inflow at boundaries =     -1.0142    g/sq.ft.
               Mass discrepancy =    -0.14976E-05g/sq.ft.


Polygon   6
At time =      27.50, total mass in vadose zone =    0.22887    g/sq.ft.
Mass in gas phase     =      0.99405E-02g/sq.ft.
Mass in liquid phase  =      0.14001E-01g/sq.ft.
Mass sorbed           =      0.20493    g/sq.ft.

Since last printout at time =      27.00
               Change in Total Mass =    -0.51626E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34020E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.15652E-02g/sq.ft.
                    Diffusion in from water table =    -0.32572E-02g/sq.ft.
               Total inflow at boundaries =    -0.51626E-02g/sq.ft.
               Mass discrepancy =    -0.13824E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0194    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86933E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.71769E-01g/sq.ft.
                    Diffusion in from water table =    -0.86068    g/sq.ft.
               Total inflow at boundaries =     -1.0194    g/sq.ft.
               Mass discrepancy =    -0.15423E-05g/sq.ft.
```

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Polygon   6
At time =      28.00, total mass in vadose zone =    0.22383    g/sq.ft.
Mass in gas phase     =      0.97217E-02g/sq.ft.
Mass in liquid phase  =      0.13693E-01g/sq.ft.
Mass sorbed           =      0.20042    g/sq.ft.

Since last printout at time =      27.50
               Change in Total Mass =    -0.50376E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33008E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.15442E-02g/sq.ft.
                    Diffusion in from water table =    -0.31633E-02g/sq.ft.
               Total inflow at boundaries =    -0.50376E-02g/sq.ft.
               Mass discrepancy =    -0.17812E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0244    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.87263E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.73313E-01g/sq.ft.
                    Diffusion in from water table =    -0.86384    g/sq.ft.
               Total inflow at boundaries =     -1.0244    g/sq.ft.
               Mass discrepancy =    -0.15795E-05g/sq.ft.


Polygon   6
At time =      28.50, total mass in vadose zone =    0.21892    g/sq.ft.
Mass in gas phase     =      0.95081E-02g/sq.ft.
Mass in liquid phase  =      0.13392E-01g/sq.ft.
Mass sorbed           =      0.19602    g/sq.ft.

Since last printout at time =      28.00
               Change in Total Mass =    -0.49165E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32040E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.15229E-02g/sq.ft.
                    Diffusion in from water table =    -0.30733E-02g/sq.ft.
               Total inflow at boundaries =    -0.49166E-02g/sq.ft.
               Mass discrepancy =     0.17142E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0293    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.87584E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.74836E-01g/sq.ft.
                    Diffusion in from water table =    -0.86691    g/sq.ft.
               Total inflow at boundaries =     -1.0293    g/sq.ft.
               Mass discrepancy =    -0.16093E-05g/sq.ft.


Polygon   6
At time =      29.00, total mass in vadose zone =    0.21412    g/sq.ft.
Mass in gas phase     =      0.92997E-02g/sq.ft.
Mass in liquid phase  =      0.13098E-01g/sq.ft.
Mass sorbed           =      0.19172    g/sq.ft.

Since last printout at time =      28.50
               Change in Total Mass =    -0.47993E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31112E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.15013E-02g/sq.ft.
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                    Diffusion in from water table =    -0.29869E-02g/sq.ft.
               Total inflow at boundaries =    -0.47993E-02g/sq.ft.
               Mass discrepancy =    -0.22119E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0341    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.87895E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.76337E-01g/sq.ft.
                    Diffusion in from water table =    -0.86990    g/sq.ft.
               Total inflow at boundaries =     -1.0341    g/sq.ft.
               Mass discrepancy =    -0.15423E-05g/sq.ft.


Polygon   6
At time =      29.50, total mass in vadose zone =    0.20943    g/sq.ft.
Mass in gas phase     =      0.90962E-02g/sq.ft.
Mass in liquid phase  =      0.12812E-01g/sq.ft.
Mass sorbed           =      0.18752    g/sq.ft.

Since last printout at time =      29.00
               Change in Total Mass =    -0.46856E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30223E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.14794E-02g/sq.ft.
                    Diffusion in from water table =    -0.29039E-02g/sq.ft.
               Total inflow at boundaries =    -0.46856E-02g/sq.ft.
               Mass discrepancy =     0.78289E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0388    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.88197E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.77817E-01g/sq.ft.
                    Diffusion in from water table =    -0.87280    g/sq.ft.
               Total inflow at boundaries =     -1.0388    g/sq.ft.
               Mass discrepancy =    -0.15274E-05g/sq.ft.


Polygon   6
At time =      30.00, total mass in vadose zone =    0.20486    g/sq.ft.
Mass in gas phase     =      0.88975E-02g/sq.ft.
Mass in liquid phase  =      0.12532E-01g/sq.ft.
Mass sorbed           =      0.18343    g/sq.ft.

Since last printout at time =      29.50
               Change in Total Mass =    -0.45752E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29371E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.14573E-02g/sq.ft.
                    Diffusion in from water table =    -0.28242E-02g/sq.ft.
               Total inflow at boundaries =    -0.45752E-02g/sq.ft.
               Mass discrepancy =    -0.33760E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0434    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.88491E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.79274E-01g/sq.ft.
                    Diffusion in from water table =    -0.87563    g/sq.ft.
               Total inflow at boundaries =     -1.0434    g/sq.ft.
               Mass discrepancy =    -0.15572E-05g/sq.ft.
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Polygon   6
At time =      30.50, total mass in vadose zone =    0.20039    g/sq.ft.
Mass in gas phase     =      0.87034E-02g/sq.ft.
Mass in liquid phase  =      0.12258E-01g/sq.ft.
Mass sorbed           =      0.17943    g/sq.ft.

Since last printout at time =      30.00
               Change in Total Mass =    -0.44681E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28552E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.14351E-02g/sq.ft.
                    Diffusion in from water table =    -0.27475E-02g/sq.ft.
               Total inflow at boundaries =    -0.44681E-02g/sq.ft.
               Mass discrepancy =    -0.53842E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0479    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.88776E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.80709E-01g/sq.ft.
                    Diffusion in from water table =    -0.87837    g/sq.ft.
               Total inflow at boundaries =     -1.0479    g/sq.ft.
               Mass discrepancy =    -0.14976E-05g/sq.ft.


Polygon   6
At time =      31.00, total mass in vadose zone =    0.19602    g/sq.ft.
Mass in gas phase     =      0.85139E-02g/sq.ft.
Mass in liquid phase  =      0.11991E-01g/sq.ft.
Mass sorbed           =      0.17552    g/sq.ft.

Since last printout at time =      30.50
               Change in Total Mass =    -0.43641E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27766E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.14127E-02g/sq.ft.
                    Diffusion in from water table =    -0.26737E-02g/sq.ft.
               Total inflow at boundaries =    -0.43641E-02g/sq.ft.
               Mass discrepancy =    -0.99535E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0522    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89054E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.82122E-01g/sq.ft.
                    Diffusion in from water table =    -0.88105    g/sq.ft.
               Total inflow at boundaries =     -1.0522    g/sq.ft.
               Mass discrepancy =    -0.15646E-05g/sq.ft.


Polygon   6
At time =      31.50, total mass in vadose zone =    0.19176    g/sq.ft.
Mass in gas phase     =      0.83287E-02g/sq.ft.
Mass in liquid phase  =      0.11731E-01g/sq.ft.
Mass sorbed           =      0.17170    g/sq.ft.

Since last printout at time =      31.00
               Change in Total Mass =    -0.42630E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27009E-03g/sq.ft.
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                    Diffusion in from atmosphere =     -0.13902E-02g/sq.ft.
                    Diffusion in from water table =    -0.26027E-02g/sq.ft.
               Total inflow at boundaries =    -0.42630E-02g/sq.ft.
               Mass discrepancy =    -0.18161E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0565    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89324E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.83512E-01g/sq.ft.
                    Diffusion in from water table =    -0.88365    g/sq.ft.
               Total inflow at boundaries =     -1.0565    g/sq.ft.
               Mass discrepancy =    -0.15497E-05g/sq.ft.


Polygon   6
At time =      32.00, total mass in vadose zone =    0.18760    g/sq.ft.
Mass in gas phase     =      0.81478E-02g/sq.ft.
Mass in liquid phase  =      0.11476E-01g/sq.ft.
Mass sorbed           =      0.16797    g/sq.ft.

Since last printout at time =      31.50
               Change in Total Mass =    -0.41647E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26282E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.13678E-02g/sq.ft.
                    Diffusion in from water table =    -0.25342E-02g/sq.ft.
               Total inflow at boundaries =    -0.41647E-02g/sq.ft.
               Mass discrepancy =     0.22119E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0607    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89587E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.84880E-01g/sq.ft.
                    Diffusion in from water table =    -0.88619    g/sq.ft.
               Total inflow at boundaries =     -1.0607    g/sq.ft.
               Mass discrepancy =    -0.15348E-05g/sq.ft.


Polygon   6
At time =      32.50, total mass in vadose zone =    0.18353    g/sq.ft.
Mass in gas phase     =      0.79711E-02g/sq.ft.
Mass in liquid phase  =      0.11227E-01g/sq.ft.
Mass sorbed           =      0.16433    g/sq.ft.

Since last printout at time =      32.00
               Change in Total Mass =    -0.40692E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25581E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.13453E-02g/sq.ft.
                    Diffusion in from water table =    -0.24681E-02g/sq.ft.
               Total inflow at boundaries =    -0.40692E-02g/sq.ft.
               Mass discrepancy =    -0.21537E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0647    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.89843E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.86225E-01g/sq.ft.
                    Diffusion in from water table =    -0.88865    g/sq.ft.
               Total inflow at boundaries =     -1.0647    g/sq.ft.
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               Mass discrepancy =    -0.15497E-05g/sq.ft.


Polygon   6
At time =      33.00, total mass in vadose zone =    0.17955    g/sq.ft.
Mass in gas phase     =      0.77984E-02g/sq.ft.
Mass in liquid phase  =      0.10984E-01g/sq.ft.
Mass sorbed           =      0.16077    g/sq.ft.

Since last printout at time =      32.50
               Change in Total Mass =    -0.39762E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24906E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.13228E-02g/sq.ft.
                    Diffusion in from water table =    -0.24043E-02g/sq.ft.
               Total inflow at boundaries =    -0.39762E-02g/sq.ft.
               Mass discrepancy =    -0.19063E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0687    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.90092E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.87548E-01g/sq.ft.
                    Diffusion in from water table =    -0.89106    g/sq.ft.
               Total inflow at boundaries =     -1.0687    g/sq.ft.
               Mass discrepancy =    -0.16317E-05g/sq.ft.


Polygon   6
At time =      33.50, total mass in vadose zone =    0.17566    g/sq.ft.
Mass in gas phase     =      0.76296E-02g/sq.ft.
Mass in liquid phase  =      0.10746E-01g/sq.ft.
Mass sorbed           =      0.15729    g/sq.ft.

Since last printout at time =      33.00
               Change in Total Mass =    -0.38857E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24255E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.13004E-02g/sq.ft.
                    Diffusion in from water table =    -0.23428E-02g/sq.ft.
               Total inflow at boundaries =    -0.38857E-02g/sq.ft.
               Mass discrepancy =    -0.15018E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0726    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.90334E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.88848E-01g/sq.ft.
                    Diffusion in from water table =    -0.89340    g/sq.ft.
               Total inflow at boundaries =     -1.0726    g/sq.ft.
               Mass discrepancy =    -0.17136E-05g/sq.ft.


Polygon   6
At time =      34.00, total mass in vadose zone =    0.17187    g/sq.ft.
Mass in gas phase     =      0.74647E-02g/sq.ft.
Mass in liquid phase  =      0.10514E-01g/sq.ft.
Mass sorbed           =      0.15389    g/sq.ft.

Since last printout at time =      33.50
               Change in Total Mass =    -0.37976E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.23626E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.12781E-02g/sq.ft.
                    Diffusion in from water table =    -0.22833E-02g/sq.ft.
               Total inflow at boundaries =    -0.37977E-02g/sq.ft.
               Mass discrepancy =     0.14945E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0764    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.90571E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.90126E-01g/sq.ft.
                    Diffusion in from water table =    -0.89568    g/sq.ft.
               Total inflow at boundaries =     -1.0764    g/sq.ft.
               Mass discrepancy =    -0.17658E-05g/sq.ft.


Polygon   6
At time =      34.50, total mass in vadose zone =    0.16815    g/sq.ft.
Mass in gas phase     =      0.73034E-02g/sq.ft.
Mass in liquid phase  =      0.10287E-01g/sq.ft.
Mass sorbed           =      0.15056    g/sq.ft.

Since last printout at time =      34.00
               Change in Total Mass =    -0.37119E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23020E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.12559E-02g/sq.ft.
                    Diffusion in from water table =    -0.22258E-02g/sq.ft.
               Total inflow at boundaries =    -0.37119E-02g/sq.ft.
               Mass discrepancy =    -0.33659E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0801    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.90801E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.91382E-01g/sq.ft.
                    Diffusion in from water table =    -0.89791    g/sq.ft.
               Total inflow at boundaries =     -1.0801    g/sq.ft.
               Mass discrepancy =    -0.18030E-05g/sq.ft.


Polygon   6
At time =      35.00, total mass in vadose zone =    0.16453    g/sq.ft.
Mass in gas phase     =      0.71459E-02g/sq.ft.
Mass in liquid phase  =      0.10065E-01g/sq.ft.
Mass sorbed           =      0.14732    g/sq.ft.

Since last printout at time =      34.50
               Change in Total Mass =    -0.36283E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22434E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.12338E-02g/sq.ft.
                    Diffusion in from water table =    -0.21702E-02g/sq.ft.
               Total inflow at boundaries =    -0.36283E-02g/sq.ft.
               Mass discrepancy =     0.67230E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0837    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91025E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.92616E-01g/sq.ft.
                    Diffusion in from water table =    -0.90008    g/sq.ft.
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               Total inflow at boundaries =     -1.0837    g/sq.ft.
               Mass discrepancy =    -0.18179E-05g/sq.ft.


Polygon   6
At time =      35.50, total mass in vadose zone =    0.16098    g/sq.ft.
Mass in gas phase     =      0.69918E-02g/sq.ft.
Mass in liquid phase  =      0.98476E-02g/sq.ft.
Mass sorbed           =      0.14414    g/sq.ft.

Since last printout at time =      35.00
               Change in Total Mass =    -0.35469E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21868E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.12119E-02g/sq.ft.
                    Diffusion in from water table =    -0.21163E-02g/sq.ft.
               Total inflow at boundaries =    -0.35469E-02g/sq.ft.
               Mass discrepancy =    -0.26921E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0873    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91244E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.93828E-01g/sq.ft.
                    Diffusion in from water table =    -0.90220    g/sq.ft.
               Total inflow at boundaries =     -1.0873    g/sq.ft.
               Mass discrepancy =    -0.17583E-05g/sq.ft.


Polygon   6
At time =      36.00, total mass in vadose zone =    0.15751    g/sq.ft.
Mass in gas phase     =      0.68412E-02g/sq.ft.
Mass in liquid phase  =      0.96355E-02g/sq.ft.
Mass sorbed           =      0.14104    g/sq.ft.

Since last printout at time =      35.50
               Change in Total Mass =    -0.34676E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21320E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.11901E-02g/sq.ft.
                    Diffusion in from water table =    -0.20642E-02g/sq.ft.
               Total inflow at boundaries =    -0.34676E-02g/sq.ft.
               Mass discrepancy =    -0.32596E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0907    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91457E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.95018E-01g/sq.ft.
                    Diffusion in from water table =    -0.90426    g/sq.ft.
               Total inflow at boundaries =     -1.0907    g/sq.ft.
               Mass discrepancy =    -0.17509E-05g/sq.ft.


Polygon   6
At time =      36.50, total mass in vadose zone =    0.15412    g/sq.ft.
Mass in gas phase     =      0.66940E-02g/sq.ft.
Mass in liquid phase  =      0.94281E-02g/sq.ft.
Mass sorbed           =      0.13800    g/sq.ft.

Since last printout at time =      36.00
               Change in Total Mass =    -0.33902E-02g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20790E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.11686E-02g/sq.ft.
                    Diffusion in from water table =    -0.20137E-02g/sq.ft.
               Total inflow at boundaries =    -0.33902E-02g/sq.ft.
               Mass discrepancy =    -0.57917E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0941    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91665E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.96187E-01g/sq.ft.
                    Diffusion in from water table =    -0.90627    g/sq.ft.
               Total inflow at boundaries =     -1.0941    g/sq.ft.
               Mass discrepancy =    -0.17285E-05g/sq.ft.


Polygon   6
At time =      37.00, total mass in vadose zone =    0.15081    g/sq.ft.
Mass in gas phase     =      0.65500E-02g/sq.ft.
Mass in liquid phase  =      0.92253E-02g/sq.ft.
Mass sorbed           =      0.13503    g/sq.ft.

Since last printout at time =      36.50
               Change in Total Mass =    -0.33148E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20277E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.11472E-02g/sq.ft.
                    Diffusion in from water table =    -0.19648E-02g/sq.ft.
               Total inflow at boundaries =    -0.33148E-02g/sq.ft.
               Mass discrepancy =     0.11278E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.0974    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.91868E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.97334E-01g/sq.ft.
                    Diffusion in from water table =    -0.90824    g/sq.ft.
               Total inflow at boundaries =     -1.0974    g/sq.ft.
               Mass discrepancy =    -0.17658E-05g/sq.ft.


Polygon   6
At time =      37.50, total mass in vadose zone =    0.14757    g/sq.ft.
Mass in gas phase     =      0.64092E-02g/sq.ft.
Mass in liquid phase  =      0.90271E-02g/sq.ft.
Mass sorbed           =      0.13213    g/sq.ft.

Since last printout at time =      37.00
               Change in Total Mass =    -0.32412E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19780E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.11261E-02g/sq.ft.
                    Diffusion in from water table =    -0.19173E-02g/sq.ft.
               Total inflow at boundaries =    -0.32412E-02g/sq.ft.
               Mass discrepancy =    -0.29846E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1007    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92066E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.98460E-01g/sq.ft.
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                    Diffusion in from water table =    -0.91016    g/sq.ft.
               Total inflow at boundaries =     -1.1007    g/sq.ft.
               Mass discrepancy =    -0.18403E-05g/sq.ft.


Polygon   6
At time =      38.00, total mass in vadose zone =    0.14440    g/sq.ft.
Mass in gas phase     =      0.62715E-02g/sq.ft.
Mass in liquid phase  =      0.88332E-02g/sq.ft.
Mass sorbed           =      0.12929    g/sq.ft.

Since last printout at time =      37.50
               Change in Total Mass =    -0.31694E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19299E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.11051E-02g/sq.ft.
                    Diffusion in from water table =    -0.18713E-02g/sq.ft.
               Total inflow at boundaries =    -0.31695E-02g/sq.ft.
               Mass discrepancy =     0.36380E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1039    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92258E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.99565E-01g/sq.ft.
                    Diffusion in from water table =    -0.91203    g/sq.ft.
               Total inflow at boundaries =     -1.1039    g/sq.ft.
               Mass discrepancy =    -0.17956E-05g/sq.ft.


Polygon   6
At time =      38.50, total mass in vadose zone =    0.14130    g/sq.ft.
Mass in gas phase     =      0.61369E-02g/sq.ft.
Mass in liquid phase  =      0.86436E-02g/sq.ft.
Mass sorbed           =      0.12652    g/sq.ft.

Since last printout at time =      38.00
               Change in Total Mass =    -0.30994E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18832E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.10845E-02g/sq.ft.
                    Diffusion in from water table =    -0.18267E-02g/sq.ft.
               Total inflow at boundaries =    -0.30994E-02g/sq.ft.
               Mass discrepancy =    -0.46130E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1070    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92447E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10065    g/sq.ft.
                    Diffusion in from water table =    -0.91385    g/sq.ft.
               Total inflow at boundaries =     -1.1070    g/sq.ft.
               Mass discrepancy =    -0.17658E-05g/sq.ft.


Polygon   6
At time =      39.00, total mass in vadose zone =    0.13827    g/sq.ft.
Mass in gas phase     =      0.60053E-02g/sq.ft.
Mass in liquid phase  =      0.84581E-02g/sq.ft.
Mass sorbed           =      0.12380    g/sq.ft.

Since last printout at time =      38.50
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               Change in Total Mass =    -0.30311E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18379E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.10640E-02g/sq.ft.
                    Diffusion in from water table =    -0.17833E-02g/sq.ft.
               Total inflow at boundaries =    -0.30311E-02g/sq.ft.
               Mass discrepancy =    -0.53551E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1100    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92631E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10171    g/sq.ft.
                    Diffusion in from water table =    -0.91564    g/sq.ft.
               Total inflow at boundaries =     -1.1100    g/sq.ft.
               Mass discrepancy =    -0.17583E-05g/sq.ft.


Polygon   6
At time =      39.50, total mass in vadose zone =    0.13530    g/sq.ft.
Mass in gas phase     =      0.58765E-02g/sq.ft.
Mass in liquid phase  =      0.82768E-02g/sq.ft.
Mass sorbed           =      0.12115    g/sq.ft.

Since last printout at time =      39.00
               Change in Total Mass =    -0.29644E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17940E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.10438E-02g/sq.ft.
                    Diffusion in from water table =    -0.17412E-02g/sq.ft.
               Total inflow at boundaries =    -0.29644E-02g/sq.ft.
               Mass discrepancy =    -0.51514E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1129    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92810E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10276    g/sq.ft.
                    Diffusion in from water table =    -0.91738    g/sq.ft.
               Total inflow at boundaries =     -1.1129    g/sq.ft.
               Mass discrepancy =    -0.16317E-05g/sq.ft.


Polygon   6
At time =      40.00, total mass in vadose zone =    0.13240    g/sq.ft.
Mass in gas phase     =      0.57506E-02g/sq.ft.
Mass in liquid phase  =      0.80994E-02g/sq.ft.
Mass sorbed           =      0.11855    g/sq.ft.

Since last printout at time =      39.50
               Change in Total Mass =    -0.28994E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17513E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.10239E-02g/sq.ft.
                    Diffusion in from water table =    -0.17003E-02g/sq.ft.
               Total inflow at boundaries =    -0.28993E-02g/sq.ft.
               Mass discrepancy =    -0.24287E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1158    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92985E-01g/sq.ft.
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                    Diffusion in from atmosphere =     -0.10378    g/sq.ft.
                    Diffusion in from water table =    -0.91908    g/sq.ft.
               Total inflow at boundaries =     -1.1158    g/sq.ft.
               Mass discrepancy =    -0.16838E-05g/sq.ft.


Polygon   6
At time =      40.50, total mass in vadose zone =    0.12957    g/sq.ft.
Mass in gas phase     =      0.56274E-02g/sq.ft.
Mass in liquid phase  =      0.79260E-02g/sq.ft.
Mass sorbed           =      0.11601    g/sq.ft.

Since last printout at time =      40.00
               Change in Total Mass =    -0.28358E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17099E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.10042E-02g/sq.ft.
                    Diffusion in from water table =    -0.16606E-02g/sq.ft.
               Total inflow at boundaries =    -0.28358E-02g/sq.ft.
               Mass discrepancy =     0.98662E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1187    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.93156E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10479    g/sq.ft.
                    Diffusion in from water table =    -0.92074    g/sq.ft.
               Total inflow at boundaries =     -1.1187    g/sq.ft.
               Mass discrepancy =    -0.16540E-05g/sq.ft.


Polygon   6
At time =      41.00, total mass in vadose zone =    0.12679    g/sq.ft.
Mass in gas phase     =      0.55070E-02g/sq.ft.
Mass in liquid phase  =      0.77563E-02g/sq.ft.
Mass sorbed           =      0.11353    g/sq.ft.

Since last printout at time =      40.50
               Change in Total Mass =    -0.27737E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16697E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.98485E-03g/sq.ft.
                    Diffusion in from water table =    -0.16219E-02g/sq.ft.
               Total inflow at boundaries =    -0.27737E-02g/sq.ft.
               Mass discrepancy =    -0.82509E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1215    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.93323E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10577    g/sq.ft.
                    Diffusion in from water table =    -0.92236    g/sq.ft.
               Total inflow at boundaries =     -1.1215    g/sq.ft.
               Mass discrepancy =    -0.16838E-05g/sq.ft.


Polygon   6
At time =      41.50, total mass in vadose zone =    0.12408    g/sq.ft.
Mass in gas phase     =      0.53891E-02g/sq.ft.
Mass in liquid phase  =      0.75903E-02g/sq.ft.
Mass sorbed           =      0.11110    g/sq.ft.
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Since last printout at time =      41.00
               Change in Total Mass =    -0.27131E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16306E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.96574E-03g/sq.ft.
                    Diffusion in from water table =    -0.15843E-02g/sq.ft.
               Total inflow at boundaries =    -0.27131E-02g/sq.ft.
               Mass discrepancy =     0.56170E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1242    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.93486E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10674    g/sq.ft.
                    Diffusion in from water table =    -0.92395    g/sq.ft.
               Total inflow at boundaries =     -1.1242    g/sq.ft.
               Mass discrepancy =    -0.16615E-05g/sq.ft.


Polygon   6
At time =      42.00, total mass in vadose zone =    0.12143    g/sq.ft.
Mass in gas phase     =      0.52739E-02g/sq.ft.
Mass in liquid phase  =      0.74280E-02g/sq.ft.
Mass sorbed           =      0.10872    g/sq.ft.

Since last printout at time =      41.50
               Change in Total Mass =    -0.26540E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15926E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.94691E-03g/sq.ft.
                    Diffusion in from water table =    -0.15478E-02g/sq.ft.
               Total inflow at boundaries =    -0.26540E-02g/sq.ft.
               Mass discrepancy =    -0.12617E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1268    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.93645E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10768    g/sq.ft.
                    Diffusion in from water table =    -0.92549    g/sq.ft.
               Total inflow at boundaries =     -1.1268    g/sq.ft.
               Mass discrepancy =    -0.15348E-05g/sq.ft.


Polygon   6
At time =      42.50, total mass in vadose zone =    0.11883    g/sq.ft.
Mass in gas phase     =      0.51611E-02g/sq.ft.
Mass in liquid phase  =      0.72691E-02g/sq.ft.
Mass sorbed           =      0.10640    g/sq.ft.

Since last printout at time =      42.00
               Change in Total Mass =    -0.25962E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15557E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.92836E-03g/sq.ft.
                    Diffusion in from water table =    -0.15122E-02g/sq.ft.
               Total inflow at boundaries =    -0.25961E-02g/sq.ft.
               Mass discrepancy =    -0.57044E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1294    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.93801E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10861    g/sq.ft.
                    Diffusion in from water table =    -0.92701    g/sq.ft.
               Total inflow at boundaries =     -1.1294    g/sq.ft.
               Mass discrepancy =    -0.14827E-05g/sq.ft.


Polygon   6
At time =      43.00, total mass in vadose zone =    0.11629    g/sq.ft.
Mass in gas phase     =      0.50508E-02g/sq.ft.
Mass in liquid phase  =      0.71138E-02g/sq.ft.
Mass sorbed           =      0.10412    g/sq.ft.

Since last printout at time =      42.50
               Change in Total Mass =    -0.25397E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15197E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.91010E-03g/sq.ft.
                    Diffusion in from water table =    -0.14776E-02g/sq.ft.
               Total inflow at boundaries =    -0.25397E-02g/sq.ft.
               Mass discrepancy =    -0.11700E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1320    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.93953E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.10952    g/sq.ft.
                    Diffusion in from water table =    -0.92848    g/sq.ft.
               Total inflow at boundaries =     -1.1320    g/sq.ft.
               Mass discrepancy =    -0.15050E-05g/sq.ft.


Polygon   6
At time =      43.50, total mass in vadose zone =    0.11380    g/sq.ft.
Mass in gas phase     =      0.49429E-02g/sq.ft.
Mass in liquid phase  =      0.69618E-02g/sq.ft.
Mass sorbed           =      0.10190    g/sq.ft.

Since last printout at time =      43.00
               Change in Total Mass =    -0.24845E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14848E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.89212E-03g/sq.ft.
                    Diffusion in from water table =    -0.14439E-02g/sq.ft.
               Total inflow at boundaries =    -0.24845E-02g/sq.ft.
               Mass discrepancy =    -0.14974E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1344    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94101E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11041    g/sq.ft.
                    Diffusion in from water table =    -0.92993    g/sq.ft.
               Total inflow at boundaries =     -1.1344    g/sq.ft.
               Mass discrepancy =    -0.14901E-05g/sq.ft.


Polygon   6
At time =      44.00, total mass in vadose zone =    0.11137    g/sq.ft.
Mass in gas phase     =      0.48373E-02g/sq.ft.
Mass in liquid phase  =      0.68131E-02g/sq.ft.
Mass sorbed           =      0.99724E-01g/sq.ft.
```

```
Since last printout at time =      43.50
               Change in Total Mass =    -0.24306E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14508E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.87443E-03g/sq.ft.
                    Diffusion in from water table =    -0.14111E-02g/sq.ft.
               Total inflow at boundaries =    -0.24306E-02g/sq.ft.
               Mass discrepancy =    -0.56898E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1369    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94246E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11129    g/sq.ft.
                    Diffusion in from water table =    -0.93134    g/sq.ft.
               Total inflow at boundaries =     -1.1369    g/sq.ft.
               Mass discrepancy =    -0.15050E-05g/sq.ft.


Polygon   6
At time =      44.50, total mass in vadose zone =    0.10900    g/sq.ft.
Mass in gas phase     =      0.47340E-02g/sq.ft.
Mass in liquid phase  =      0.66676E-02g/sq.ft.
Mass sorbed           =      0.97595E-01g/sq.ft.

Since last printout at time =      44.00
               Change in Total Mass =    -0.23779E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14176E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.85703E-03g/sq.ft.
                    Diffusion in from water table =    -0.13791E-02g/sq.ft.
               Total inflow at boundaries =    -0.23779E-02g/sq.ft.
               Mass discrepancy =    -0.30996E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1393    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94388E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11214    g/sq.ft.
                    Diffusion in from water table =    -0.93272    g/sq.ft.
               Total inflow at boundaries =     -1.1393    g/sq.ft.
               Mass discrepancy =    -0.14976E-05g/sq.ft.


Polygon   6
At time =      45.00, total mass in vadose zone =    0.10667    g/sq.ft.
Mass in gas phase     =      0.46330E-02g/sq.ft.
Mass in liquid phase  =      0.65253E-02g/sq.ft.
Mass sorbed           =      0.95512E-01g/sq.ft.

Since last printout at time =      44.50
               Change in Total Mass =    -0.23264E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13854E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.83991E-03g/sq.ft.
                    Diffusion in from water table =    -0.13480E-02g/sq.ft.
               Total inflow at boundaries =    -0.23264E-02g/sq.ft.
               Mass discrepancy =     0.50932E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1416    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94527E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11298    g/sq.ft.
                    Diffusion in from water table =    -0.93407    g/sq.ft.
               Total inflow at boundaries =     -1.1416    g/sq.ft.
               Mass discrepancy =    -0.14529E-05g/sq.ft.


Polygon   6
At time =      45.50, total mass in vadose zone =    0.10439    g/sq.ft.
Mass in gas phase     =      0.45341E-02g/sq.ft.
Mass in liquid phase  =      0.63861E-02g/sq.ft.
Mass sorbed           =      0.93474E-01g/sq.ft.

Since last printout at time =      45.00
               Change in Total Mass =    -0.22761E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13540E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.82309E-03g/sq.ft.
                    Diffusion in from water table =    -0.13176E-02g/sq.ft.
               Total inflow at boundaries =    -0.22761E-02g/sq.ft.
               Mass discrepancy =    -0.46421E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1439    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94662E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11381    g/sq.ft.
                    Diffusion in from water table =    -0.93538    g/sq.ft.
               Total inflow at boundaries =     -1.1439    g/sq.ft.
               Mass discrepancy =    -0.15199E-05g/sq.ft.


Polygon   6
At time =      46.00, total mass in vadose zone =    0.10217    g/sq.ft.
Mass in gas phase     =      0.44374E-02g/sq.ft.
Mass in liquid phase  =      0.62499E-02g/sq.ft.
Mass sorbed           =      0.91480E-01g/sq.ft.

Since last printout at time =      45.50
               Change in Total Mass =    -0.22269E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13234E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.80655E-03g/sq.ft.
                    Diffusion in from water table =    -0.12880E-02g/sq.ft.
               Total inflow at boundaries =    -0.22269E-02g/sq.ft.
               Mass discrepancy =     0.40018E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1461    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94795E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11461    g/sq.ft.
                    Diffusion in from water table =    -0.93667    g/sq.ft.
               Total inflow at boundaries =     -1.1461    g/sq.ft.
               Mass discrepancy =    -0.15944E-05g/sq.ft.


Polygon   6
At time =      46.50, total mass in vadose zone =    0.99988E-01g/sq.ft.
Mass in gas phase     =      0.43428E-02g/sq.ft.
Mass in liquid phase  =      0.61166E-02g/sq.ft.
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```
Mass sorbed           =      0.89529E-01g/sq.ft.

Since last printout at time =      46.00
               Change in Total Mass =    -0.21789E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12935E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.79029E-03g/sq.ft.
                    Diffusion in from water table =    -0.12592E-02g/sq.ft.
               Total inflow at boundaries =    -0.21789E-02g/sq.ft.
               Mass discrepancy =    -0.51077E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1483    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94924E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11540    g/sq.ft.
                    Diffusion in from water table =    -0.93793    g/sq.ft.
               Total inflow at boundaries =     -1.1483    g/sq.ft.
               Mass discrepancy =    -0.16168E-05g/sq.ft.


Polygon   6
At time =      47.00, total mass in vadose zone =    0.97856E-01g/sq.ft.
Mass in gas phase     =      0.42502E-02g/sq.ft.
Mass in liquid phase  =      0.59862E-02g/sq.ft.
Mass sorbed           =      0.87620E-01g/sq.ft.

Since last printout at time =      46.50
               Change in Total Mass =    -0.21319E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12645E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.77432E-03g/sq.ft.
                    Diffusion in from water table =    -0.12311E-02g/sq.ft.
               Total inflow at boundaries =    -0.21319E-02g/sq.ft.
               Mass discrepancy =    -0.85711E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1504    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95050E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11618    g/sq.ft.
                    Diffusion in from water table =    -0.93916    g/sq.ft.
               Total inflow at boundaries =     -1.1504    g/sq.ft.
               Mass discrepancy =    -0.16317E-05g/sq.ft.


Polygon   6
At time =      47.50, total mass in vadose zone =    0.95770E-01g/sq.ft.
Mass in gas phase     =      0.41596E-02g/sq.ft.
Mass in liquid phase  =      0.58586E-02g/sq.ft.
Mass sorbed           =      0.85752E-01g/sq.ft.

Since last printout at time =      47.00
               Change in Total Mass =    -0.20859E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12362E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.75863E-03g/sq.ft.
                    Diffusion in from water table =    -0.12037E-02g/sq.ft.
               Total inflow at boundaries =    -0.20859E-02g/sq.ft.
               Mass discrepancy =    -0.32160E-08g/sq.ft.

Since beginning of run at time = 0.0
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```
               Change in Total Mass =     -1.1525    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95174E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11694    g/sq.ft.
                    Diffusion in from water table =    -0.94037    g/sq.ft.
               Total inflow at boundaries =     -1.1525    g/sq.ft.
               Mass discrepancy =    -0.16019E-05g/sq.ft.


Polygon   6
At time =      48.00, total mass in vadose zone =    0.93729E-01g/sq.ft.
Mass in gas phase     =      0.40709E-02g/sq.ft.
Mass in liquid phase  =      0.57337E-02g/sq.ft.
Mass sorbed           =      0.83925E-01g/sq.ft.

Since last printout at time =      47.50
               Change in Total Mass =    -0.20410E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12085E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.74322E-03g/sq.ft.
                    Diffusion in from water table =    -0.11769E-02g/sq.ft.
               Total inflow at boundaries =    -0.20410E-02g/sq.ft.
               Mass discrepancy =    -0.81491E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1545    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95295E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11768    g/sq.ft.
                    Diffusion in from water table =    -0.94154    g/sq.ft.
               Total inflow at boundaries =     -1.1545    g/sq.ft.
               Mass discrepancy =    -0.15721E-05g/sq.ft.


Polygon   6
At time =      48.50, total mass in vadose zone =    0.91732E-01g/sq.ft.
Mass in gas phase     =      0.39842E-02g/sq.ft.
Mass in liquid phase  =      0.56115E-02g/sq.ft.
Mass sorbed           =      0.82136E-01g/sq.ft.

Since last printout at time =      48.00
               Change in Total Mass =    -0.19971E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11816E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.72809E-03g/sq.ft.
                    Diffusion in from water table =    -0.11508E-02g/sq.ft.
               Total inflow at boundaries =    -0.19971E-02g/sq.ft.
               Mass discrepancy =    -0.42783E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1565    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95413E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11841    g/sq.ft.
                    Diffusion in from water table =    -0.94269    g/sq.ft.
               Total inflow at boundaries =     -1.1565    g/sq.ft.
               Mass discrepancy =    -0.15646E-05g/sq.ft.


Polygon   6
At time =      49.00, total mass in vadose zone =    0.89778E-01g/sq.ft.
Mass in gas phase     =      0.38993E-02g/sq.ft.
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Mass in liquid phase  =      0.54920E-02g/sq.ft.
Mass sorbed           =      0.80387E-01g/sq.ft.

Since last printout at time =      48.50
               Change in Total Mass =    -0.19541E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11553E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.71324E-03g/sq.ft.
                    Diffusion in from water table =    -0.11254E-02g/sq.ft.
               Total inflow at boundaries =    -0.19541E-02g/sq.ft.
               Mass discrepancy =    -0.10041E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1585    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95528E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11912    g/sq.ft.
                    Diffusion in from water table =    -0.94382    g/sq.ft.
               Total inflow at boundaries =     -1.1585    g/sq.ft.
               Mass discrepancy =    -0.15572E-05g/sq.ft.


Polygon   6
At time =      49.50, total mass in vadose zone =    0.87866E-01g/sq.ft.
Mass in gas phase     =      0.38163E-02g/sq.ft.
Mass in liquid phase  =      0.53750E-02g/sq.ft.
Mass sorbed           =      0.78675E-01g/sq.ft.

Since last printout at time =      49.00
               Change in Total Mass =    -0.19122E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11297E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.69866E-03g/sq.ft.
                    Diffusion in from water table =    -0.11005E-02g/sq.ft.
               Total inflow at boundaries =    -0.19122E-02g/sq.ft.
               Mass discrepancy =    -0.74579E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1604    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95641E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.11982    g/sq.ft.
                    Diffusion in from water table =    -0.94492    g/sq.ft.
               Total inflow at boundaries =     -1.1604    g/sq.ft.
               Mass discrepancy =    -0.15497E-05g/sq.ft.


Polygon   6
At time =      50.00, total mass in vadose zone =    0.85995E-01g/sq.ft.
Mass in gas phase     =      0.37350E-02g/sq.ft.
Mass in liquid phase  =      0.52606E-02g/sq.ft.
Mass sorbed           =      0.76999E-01g/sq.ft.

Since last printout at time =      49.50
               Change in Total Mass =    -0.18711E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.11047E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.68435E-03g/sq.ft.
                    Diffusion in from water table =    -0.10763E-02g/sq.ft.
               Total inflow at boundaries =    -0.18711E-02g/sq.ft.
               Mass discrepancy =     0.53915E-08g/sq.ft.
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```
Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1623    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95752E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12051    g/sq.ft.
                    Diffusion in from water table =    -0.94600    g/sq.ft.
               Total inflow at boundaries =     -1.1623    g/sq.ft.
               Mass discrepancy =    -0.13337E-05g/sq.ft.


Polygon   6
At time =      50.50, total mass in vadose zone =    0.84164E-01g/sq.ft.
Mass in gas phase     =      0.36555E-02g/sq.ft.
Mass in liquid phase  =      0.51486E-02g/sq.ft.
Mass sorbed           =      0.75360E-01g/sq.ft.

Since last printout at time =      50.00
               Change in Total Mass =    -0.18309E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10803E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.67030E-03g/sq.ft.
                    Diffusion in from water table =    -0.10526E-02g/sq.ft.
               Total inflow at boundaries =    -0.18309E-02g/sq.ft.
               Mass discrepancy =    -0.70941E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1641    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95860E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12118    g/sq.ft.
                    Diffusion in from water table =    -0.94705    g/sq.ft.
               Total inflow at boundaries =     -1.1641    g/sq.ft.
               Mass discrepancy =    -0.13188E-05g/sq.ft.


Polygon   6
At time =      51.00, total mass in vadose zone =    0.82372E-01g/sq.ft.
Mass in gas phase     =      0.35777E-02g/sq.ft.
Mass in liquid phase  =      0.50390E-02g/sq.ft.
Mass sorbed           =      0.73756E-01g/sq.ft.

Since last printout at time =      50.50
               Change in Total Mass =    -0.17917E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10565E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.65652E-03g/sq.ft.
                    Diffusion in from water table =    -0.10295E-02g/sq.ft.
               Total inflow at boundaries =    -0.17917E-02g/sq.ft.
               Mass discrepancy =     0.40745E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1659    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.95966E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12183    g/sq.ft.
                    Diffusion in from water table =    -0.94808    g/sq.ft.
               Total inflow at boundaries =     -1.1659    g/sq.ft.
               Mass discrepancy =    -0.13262E-05g/sq.ft.


Polygon   6
At time =      51.50, total mass in vadose zone =    0.80619E-01g/sq.ft.
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```
Mass in gas phase     =      0.35015E-02g/sq.ft.
Mass in liquid phase  =      0.49317E-02g/sq.ft.
Mass sorbed           =      0.72186E-01g/sq.ft.

Since last printout at time =      51.00
               Change in Total Mass =    -0.17533E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10332E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.64301E-03g/sq.ft.
                    Diffusion in from water table =    -0.10069E-02g/sq.ft.
               Total inflow at boundaries =    -0.17533E-02g/sq.ft.
               Mass discrepancy =    -0.10987E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1676    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96069E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12248    g/sq.ft.
                    Diffusion in from water table =    -0.94908    g/sq.ft.
               Total inflow at boundaries =     -1.1676    g/sq.ft.
               Mass discrepancy =    -0.13709E-05g/sq.ft.


Polygon   6
At time =      52.00, total mass in vadose zone =    0.78903E-01g/sq.ft.
Mass in gas phase     =      0.34270E-02g/sq.ft.
Mass in liquid phase  =      0.48268E-02g/sq.ft.
Mass sorbed           =      0.70649E-01g/sq.ft.

Since last printout at time =      51.50
               Change in Total Mass =    -0.17157E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10105E-03g/sq.ft.
                    Diffusion in from atmosphere =     -0.62974E-03g/sq.ft.
                    Diffusion in from water table =    -0.98489E-03g/sq.ft.
               Total inflow at boundaries =    -0.17157E-02g/sq.ft.
               Mass discrepancy =    -0.16415E-07g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1693    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96170E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12310    g/sq.ft.
                    Diffusion in from water table =    -0.95007    g/sq.ft.
               Total inflow at boundaries =     -1.1693    g/sq.ft.
               Mass discrepancy =    -0.13560E-05g/sq.ft.


Polygon   6
At time =      52.50, total mass in vadose zone =    0.77224E-01g/sq.ft.
Mass in gas phase     =      0.33541E-02g/sq.ft.
Mass in liquid phase  =      0.47240E-02g/sq.ft.
Mass sorbed           =      0.69146E-01g/sq.ft.

Since last printout at time =      52.00
               Change in Total Mass =    -0.16789E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98836E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.61674E-03g/sq.ft.
                    Diffusion in from water table =    -0.96337E-03g/sq.ft.
               Total inflow at boundaries =    -0.16789E-02g/sq.ft.
               Mass discrepancy =     0.10477E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1710    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96269E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12372    g/sq.ft.
                    Diffusion in from water table =    -0.95103    g/sq.ft.
               Total inflow at boundaries =     -1.1710    g/sq.ft.
               Mass discrepancy =    -0.14007E-05g/sq.ft.


Polygon   6
At time =      53.00, total mass in vadose zone =    0.75581E-01g/sq.ft.
Mass in gas phase     =      0.32827E-02g/sq.ft.
Mass in liquid phase  =      0.46235E-02g/sq.ft.
Mass sorbed           =      0.67675E-01g/sq.ft.

Since last printout at time =      52.50
               Change in Total Mass =    -0.16430E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96672E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.60398E-03g/sq.ft.
                    Diffusion in from water table =    -0.94235E-03g/sq.ft.
               Total inflow at boundaries =    -0.16430E-02g/sq.ft.
               Mass discrepancy =     0.25248E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1727    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96365E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12433    g/sq.ft.
                    Diffusion in from water table =    -0.95197    g/sq.ft.
               Total inflow at boundaries =     -1.1727    g/sq.ft.
               Mass discrepancy =    -0.14007E-05g/sq.ft.


Polygon   6
At time =      53.50, total mass in vadose zone =    0.73973E-01g/sq.ft.
Mass in gas phase     =      0.32129E-02g/sq.ft.
Mass in liquid phase  =      0.45252E-02g/sq.ft.
Mass sorbed           =      0.66235E-01g/sq.ft.

Since last printout at time =      53.00
               Change in Total Mass =    -0.16079E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.94559E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.59147E-03g/sq.ft.
                    Diffusion in from water table =    -0.92182E-03g/sq.ft.
               Total inflow at boundaries =    -0.16078E-02g/sq.ft.
               Mass discrepancy =    -0.85711E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1743    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96460E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12492    g/sq.ft.
                    Diffusion in from water table =    -0.95290    g/sq.ft.
               Total inflow at boundaries =     -1.1743    g/sq.ft.
               Mass discrepancy =    -0.14380E-05g/sq.ft.


Polygon   6
```

```
At time =      54.00, total mass in vadose zone =    0.72400E-01g/sq.ft.
Mass in gas phase     =      0.31445E-02g/sq.ft.
Mass in liquid phase  =      0.44289E-02g/sq.ft.
Mass sorbed           =      0.64826E-01g/sq.ft.

Since last printout at time =      53.50
               Change in Total Mass =    -0.15735E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.92495E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.57921E-03g/sq.ft.
                    Diffusion in from water table =    -0.90176E-03g/sq.ft.
               Total inflow at boundaries =    -0.15735E-02g/sq.ft.
               Mass discrepancy =     0.17244E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1758    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96553E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12550    g/sq.ft.
                    Diffusion in from water table =    -0.95380    g/sq.ft.
               Total inflow at boundaries =     -1.1758    g/sq.ft.
               Mass discrepancy =    -0.13784E-05g/sq.ft.


Polygon   6
At time =      54.50, total mass in vadose zone =    0.70860E-01g/sq.ft.
Mass in gas phase     =      0.30777E-02g/sq.ft.
Mass in liquid phase  =      0.43347E-02g/sq.ft.
Mass sorbed           =      0.63448E-01g/sq.ft.

Since last printout at time =      54.00
               Change in Total Mass =    -0.15398E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.90479E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.56718E-03g/sq.ft.
                    Diffusion in from water table =    -0.88216E-03g/sq.ft.
               Total inflow at boundaries =    -0.15398E-02g/sq.ft.
               Mass discrepancy =    -0.65265E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1774    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96643E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12606    g/sq.ft.
                    Diffusion in from water table =    -0.95468    g/sq.ft.
               Total inflow at boundaries =     -1.1774    g/sq.ft.
               Mass discrepancy =    -0.14454E-05g/sq.ft.


Polygon   6
At time =      55.00, total mass in vadose zone =    0.69353E-01g/sq.ft.
Mass in gas phase     =      0.30122E-02g/sq.ft.
Mass in liquid phase  =      0.42426E-02g/sq.ft.
Mass sorbed           =      0.62098E-01g/sq.ft.

Since last printout at time =      54.50
               Change in Total Mass =    -0.15069E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.88509E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.55539E-03g/sq.ft.
                    Diffusion in from water table =    -0.86301E-03g/sq.ft.
               Total inflow at boundaries =    -0.15069E-02g/sq.ft.
```

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               Mass discrepancy =     0.15207E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1789    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96732E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12662    g/sq.ft.
                    Diffusion in from water table =    -0.95554    g/sq.ft.
               Total inflow at boundaries =     -1.1789    g/sq.ft.
               Mass discrepancy =    -0.14231E-05g/sq.ft.


Polygon   6
At time =      55.50, total mass in vadose zone =    0.67878E-01g/sq.ft.
Mass in gas phase     =      0.29482E-02g/sq.ft.
Mass in liquid phase  =      0.41523E-02g/sq.ft.
Mass sorbed           =      0.60778E-01g/sq.ft.

Since last printout at time =      55.00
               Change in Total Mass =    -0.14747E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.86585E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.54383E-03g/sq.ft.
                    Diffusion in from water table =    -0.84430E-03g/sq.ft.
               Total inflow at boundaries =    -0.14747E-02g/sq.ft.
               Mass discrepancy =    -0.60245E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1804    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96818E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12716    g/sq.ft.
                    Diffusion in from water table =    -0.95639    g/sq.ft.
               Total inflow at boundaries =     -1.1804    g/sq.ft.
               Mass discrepancy =    -0.13635E-05g/sq.ft.


Polygon   6
At time =      56.00, total mass in vadose zone =    0.66435E-01g/sq.ft.
Mass in gas phase     =      0.28855E-02g/sq.ft.
Mass in liquid phase  =      0.40641E-02g/sq.ft.
Mass sorbed           =      0.59486E-01g/sq.ft.

Since last printout at time =      55.50
               Change in Total Mass =    -0.14432E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.84705E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.53251E-03g/sq.ft.
                    Diffusion in from water table =    -0.82601E-03g/sq.ft.
               Total inflow at boundaries =    -0.14432E-02g/sq.ft.
               Mass discrepancy =    -0.81127E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1818    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96903E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12770    g/sq.ft.
                    Diffusion in from water table =    -0.95721    g/sq.ft.
               Total inflow at boundaries =     -1.1818    g/sq.ft.
               Mass discrepancy =    -0.14901E-05g/sq.ft.
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Polygon   6
At time =      56.50, total mass in vadose zone =    0.65023E-01g/sq.ft.
Mass in gas phase     =      0.28241E-02g/sq.ft.
Mass in liquid phase  =      0.39776E-02g/sq.ft.
Mass sorbed           =      0.58221E-01g/sq.ft.

Since last printout at time =      56.00
               Change in Total Mass =    -0.14124E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.82868E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.52140E-03g/sq.ft.
                    Diffusion in from water table =    -0.80814E-03g/sq.ft.
               Total inflow at boundaries =    -0.14124E-02g/sq.ft.
               Mass discrepancy =     0.91459E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1832    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.96986E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12822    g/sq.ft.
                    Diffusion in from water table =    -0.95802    g/sq.ft.
               Total inflow at boundaries =     -1.1832    g/sq.ft.
               Mass discrepancy =    -0.16317E-05g/sq.ft.


Polygon   6
At time =      57.00, total mass in vadose zone =    0.63641E-01g/sq.ft.
Mass in gas phase     =      0.27641E-02g/sq.ft.
Mass in liquid phase  =      0.38931E-02g/sq.ft.
Mass sorbed           =      0.56983E-01g/sq.ft.

Since last printout at time =      56.50
               Change in Total Mass =    -0.13823E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.81072E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.51052E-03g/sq.ft.
                    Diffusion in from water table =    -0.79067E-03g/sq.ft.
               Total inflow at boundaries =    -0.13823E-02g/sq.ft.
               Mass discrepancy =    -0.67012E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1846    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97067E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12873    g/sq.ft.
                    Diffusion in from water table =    -0.95881    g/sq.ft.
               Total inflow at boundaries =     -1.1846    g/sq.ft.
               Mass discrepancy =    -0.15870E-05g/sq.ft.


Polygon   6
At time =      57.50, total mass in vadose zone =    0.62288E-01g/sq.ft.
Mass in gas phase     =      0.27053E-02g/sq.ft.
Mass in liquid phase  =      0.38103E-02g/sq.ft.
Mass sorbed           =      0.55772E-01g/sq.ft.

Since last printout at time =      57.00
               Change in Total Mass =    -0.13528E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.79318E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.49986E-03g/sq.ft.
                    Diffusion in from water table =    -0.77359E-03g/sq.ft.
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               Total inflow at boundaries =    -0.13528E-02g/sq.ft.
               Mass discrepancy =    -0.59663E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1860    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97146E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12923    g/sq.ft.
                    Diffusion in from water table =    -0.95959    g/sq.ft.
               Total inflow at boundaries =     -1.1860    g/sq.ft.
               Mass discrepancy =    -0.15758E-05g/sq.ft.


Polygon   6
At time =      58.00, total mass in vadose zone =    0.60964E-01g/sq.ft.
Mass in gas phase     =      0.26478E-02g/sq.ft.
Mass in liquid phase  =      0.37294E-02g/sq.ft.
Mass sorbed           =      0.54587E-01g/sq.ft.

Since last printout at time =      57.50
               Change in Total Mass =    -0.13239E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.77602E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.48941E-03g/sq.ft.
                    Diffusion in from water table =    -0.75690E-03g/sq.ft.
               Total inflow at boundaries =    -0.13239E-02g/sq.ft.
               Mass discrepancy =    -0.16953E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1873    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97224E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.12972    g/sq.ft.
                    Diffusion in from water table =    -0.96034    g/sq.ft.
               Total inflow at boundaries =     -1.1873    g/sq.ft.
               Mass discrepancy =    -0.15944E-05g/sq.ft.


Polygon   6
At time =      58.50, total mass in vadose zone =    0.59668E-01g/sq.ft.
Mass in gas phase     =      0.25916E-02g/sq.ft.
Mass in liquid phase  =      0.36501E-02g/sq.ft.
Mass sorbed           =      0.53427E-01g/sq.ft.

Since last printout at time =      58.00
               Change in Total Mass =    -0.12957E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.75926E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.47917E-03g/sq.ft.
                    Diffusion in from water table =    -0.74058E-03g/sq.ft.
               Total inflow at boundaries =    -0.12957E-02g/sq.ft.
               Mass discrepancy =    -0.56898E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1886    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97300E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13020    g/sq.ft.
                    Diffusion in from water table =    -0.96108    g/sq.ft.
               Total inflow at boundaries =     -1.1886    g/sq.ft.
               Mass discrepancy =    -0.16056E-05g/sq.ft.
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```
Polygon   6
At time =      59.00, total mass in vadose zone =    0.58400E-01g/sq.ft.
Mass in gas phase     =      0.25365E-02g/sq.ft.
Mass in liquid phase  =      0.35725E-02g/sq.ft.
Mass sorbed           =      0.52291E-01g/sq.ft.

Since last printout at time =      58.50
               Change in Total Mass =    -0.12681E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.74287E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.46914E-03g/sq.ft.
                    Diffusion in from water table =    -0.72463E-03g/sq.ft.
               Total inflow at boundaries =    -0.12681E-02g/sq.ft.
               Mass discrepancy =    -0.69122E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1898    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97374E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13066    g/sq.ft.
                    Diffusion in from water table =    -0.96181    g/sq.ft.
               Total inflow at boundaries =     -1.1898    g/sq.ft.
               Mass discrepancy =    -0.16280E-05g/sq.ft.


Polygon   6
At time =      59.50, total mass in vadose zone =    0.57159E-01g/sq.ft.
Mass in gas phase     =      0.24826E-02g/sq.ft.
Mass in liquid phase  =      0.34966E-02g/sq.ft.
Mass sorbed           =      0.51180E-01g/sq.ft.

Since last printout at time =      59.00
               Change in Total Mass =    -0.12410E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.72685E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.45931E-03g/sq.ft.
                    Diffusion in from water table =    -0.70903E-03g/sq.ft.
               Total inflow at boundaries =    -0.12410E-02g/sq.ft.
               Mass discrepancy =    -0.18917E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1911    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97447E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13112    g/sq.ft.
                    Diffusion in from water table =    -0.96252    g/sq.ft.
               Total inflow at boundaries =     -1.1911    g/sq.ft.
               Mass discrepancy =    -0.15832E-05g/sq.ft.


Polygon   6
At time =      60.00, total mass in vadose zone =    0.55945E-01g/sq.ft.
Mass in gas phase     =      0.24298E-02g/sq.ft.
Mass in liquid phase  =      0.34223E-02g/sq.ft.
Mass sorbed           =      0.50092E-01g/sq.ft.

Since last printout at time =      59.50
               Change in Total Mass =    -0.12146E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.71119E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.44968E-03g/sq.ft.
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                    Diffusion in from water table =    -0.69377E-03g/sq.ft.
               Total inflow at boundaries =    -0.12146E-02g/sq.ft.
               Mass discrepancy =     0.12587E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1923    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97518E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13157    g/sq.ft.
                    Diffusion in from water table =    -0.96321    g/sq.ft.
               Total inflow at boundaries =     -1.1923    g/sq.ft.
               Mass discrepancy =    -0.15683E-05g/sq.ft.


Polygon   6
At time =      60.50, total mass in vadose zone =    0.54756E-01g/sq.ft.
Mass in gas phase     =      0.23782E-02g/sq.ft.
Mass in liquid phase  =      0.33496E-02g/sq.ft.
Mass sorbed           =      0.49028E-01g/sq.ft.

Since last printout at time =      60.00
               Change in Total Mass =    -0.11887E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.69588E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.44025E-03g/sq.ft.
                    Diffusion in from water table =    -0.67886E-03g/sq.ft.
               Total inflow at boundaries =    -0.11887E-02g/sq.ft.
               Mass discrepancy =    -0.93569E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1935    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97587E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13201    g/sq.ft.
                    Diffusion in from water table =    -0.96389    g/sq.ft.
               Total inflow at boundaries =     -1.1935    g/sq.ft.
               Mass discrepancy =    -0.15311E-05g/sq.ft.


Polygon   6
At time =      61.00, total mass in vadose zone =    0.53592E-01g/sq.ft.
Mass in gas phase     =      0.23277E-02g/sq.ft.
Mass in liquid phase  =      0.32784E-02g/sq.ft.
Mass sorbed           =      0.47986E-01g/sq.ft.

Since last printout at time =      60.50
               Change in Total Mass =    -0.11634E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.68090E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.43101E-03g/sq.ft.
                    Diffusion in from water table =    -0.66428E-03g/sq.ft.
               Total inflow at boundaries =    -0.11634E-02g/sq.ft.
               Mass discrepancy =     0.38563E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1947    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97655E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13244    g/sq.ft.
                    Diffusion in from water table =    -0.96455    g/sq.ft.
               Total inflow at boundaries =     -1.1947    g/sq.ft.
               Mass discrepancy =    -0.15050E-05g/sq.ft.
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Polygon   6
At time =      61.50, total mass in vadose zone =    0.52454E-01g/sq.ft.
Mass in gas phase     =      0.22782E-02g/sq.ft.
Mass in liquid phase  =      0.32088E-02g/sq.ft.
Mass sorbed           =      0.46967E-01g/sq.ft.

Since last printout at time =      61.00
               Change in Total Mass =    -0.11386E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.66626E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.42195E-03g/sq.ft.
                    Diffusion in from water table =    -0.65001E-03g/sq.ft.
               Total inflow at boundaries =    -0.11386E-02g/sq.ft.
               Mass discrepancy =    -0.90367E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1958    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97722E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13287    g/sq.ft.
                    Diffusion in from water table =    -0.96520    g/sq.ft.
               Total inflow at boundaries =     -1.1958    g/sq.ft.
               Mass discrepancy =    -0.15013E-05g/sq.ft.


Polygon   6
At time =      62.00, total mass in vadose zone =    0.51340E-01g/sq.ft.
Mass in gas phase     =      0.22298E-02g/sq.ft.
Mass in liquid phase  =      0.31406E-02g/sq.ft.
Mass sorbed           =      0.45969E-01g/sq.ft.

Since last printout at time =      61.50
               Change in Total Mass =    -0.11143E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.65195E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.41309E-03g/sq.ft.
                    Diffusion in from water table =    -0.63606E-03g/sq.ft.
               Total inflow at boundaries =    -0.11143E-02g/sq.ft.
               Mass discrepancy =     0.36016E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1969    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97787E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13328    g/sq.ft.
                    Diffusion in from water table =    -0.96584    g/sq.ft.
               Total inflow at boundaries =     -1.1969    g/sq.ft.
               Mass discrepancy =    -0.14529E-05g/sq.ft.


Polygon   6
At time =      62.50, total mass in vadose zone =    0.50249E-01g/sq.ft.
Mass in gas phase     =      0.21825E-02g/sq.ft.
Mass in liquid phase  =      0.30739E-02g/sq.ft.
Mass sorbed           =      0.44993E-01g/sq.ft.

Since last printout at time =      62.00
               Change in Total Mass =    -0.10906E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.63795E-04g/sq.ft.
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                    Diffusion in from atmosphere =     -0.40440E-03g/sq.ft.
                    Diffusion in from water table =    -0.62242E-03g/sq.ft.
               Total inflow at boundaries =    -0.10906E-02g/sq.ft.
               Mass discrepancy =    -0.72905E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1980    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97851E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13368    g/sq.ft.
                    Diffusion in from water table =    -0.96646    g/sq.ft.
               Total inflow at boundaries =     -1.1980    g/sq.ft.
               Mass discrepancy =    -0.14864E-05g/sq.ft.


Polygon   6
At time =      63.00, total mass in vadose zone =    0.49181E-01g/sq.ft.
Mass in gas phase     =      0.21361E-02g/sq.ft.
Mass in liquid phase  =      0.30086E-02g/sq.ft.
Mass sorbed           =      0.44037E-01g/sq.ft.

Since last printout at time =      62.50
               Change in Total Mass =    -0.10674E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.62426E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.39590E-03g/sq.ft.
                    Diffusion in from water table =    -0.60908E-03g/sq.ft.
               Total inflow at boundaries =    -0.10674E-02g/sq.ft.
               Mass discrepancy =    -0.99681E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.1991    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97913E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13408    g/sq.ft.
                    Diffusion in from water table =    -0.96707    g/sq.ft.
               Total inflow at boundaries =     -1.1991    g/sq.ft.
               Mass discrepancy =    -0.14678E-05g/sq.ft.


Polygon   6
At time =      63.50, total mass in vadose zone =    0.48137E-01g/sq.ft.
Mass in gas phase     =      0.20907E-02g/sq.ft.
Mass in liquid phase  =      0.29447E-02g/sq.ft.
Mass sorbed           =      0.43101E-01g/sq.ft.

Since last printout at time =      63.00
               Change in Total Mass =    -0.10447E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.61087E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.38756E-03g/sq.ft.
                    Diffusion in from water table =    -0.59603E-03g/sq.ft.
               Total inflow at boundaries =    -0.10447E-02g/sq.ft.
               Mass discrepancy =     0.72760E-11g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2001    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.97974E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13447    g/sq.ft.
                    Diffusion in from water table =    -0.96767    g/sq.ft.
               Total inflow at boundaries =     -1.2001    g/sq.ft.
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               Mass discrepancy =    -0.14380E-05g/sq.ft.


Polygon   6
At time =      64.00, total mass in vadose zone =    0.47114E-01g/sq.ft.
Mass in gas phase     =      0.20463E-02g/sq.ft.
Mass in liquid phase  =      0.28821E-02g/sq.ft.
Mass sorbed           =      0.42186E-01g/sq.ft.

Since last printout at time =      63.50
               Change in Total Mass =    -0.10225E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.59777E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.37940E-03g/sq.ft.
                    Diffusion in from water table =    -0.58327E-03g/sq.ft.
               Total inflow at boundaries =    -0.10225E-02g/sq.ft.
               Mass discrepancy =    -0.74579E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2011    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98034E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13485    g/sq.ft.
                    Diffusion in from water table =    -0.96825    g/sq.ft.
               Total inflow at boundaries =     -1.2011    g/sq.ft.
               Mass discrepancy =    -0.14752E-05g/sq.ft.


Polygon   6
At time =      64.50, total mass in vadose zone =    0.46114E-01g/sq.ft.
Mass in gas phase     =      0.20029E-02g/sq.ft.
Mass in liquid phase  =      0.28209E-02g/sq.ft.
Mass sorbed           =      0.41290E-01g/sq.ft.

Since last printout at time =      64.00
               Change in Total Mass =    -0.10007E-02g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.58496E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.37141E-03g/sq.ft.
                    Diffusion in from water table =    -0.57078E-03g/sq.ft.
               Total inflow at boundaries =    -0.10007E-02g/sq.ft.
               Mass discrepancy =     0.28158E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2021    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98093E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13522    g/sq.ft.
                    Diffusion in from water table =    -0.96882    g/sq.ft.
               Total inflow at boundaries =     -1.2021    g/sq.ft.
               Mass discrepancy =    -0.14864E-05g/sq.ft.


Polygon   6
At time =      65.00, total mass in vadose zone =    0.45134E-01g/sq.ft.
Mass in gas phase     =      0.19603E-02g/sq.ft.
Mass in liquid phase  =      0.27610E-02g/sq.ft.
Mass sorbed           =      0.40413E-01g/sq.ft.

Since last printout at time =      64.50
               Change in Total Mass =    -0.97941E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.57243E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.36359E-03g/sq.ft.
                    Diffusion in from water table =    -0.55857E-03g/sq.ft.
               Total inflow at boundaries =    -0.97940E-03g/sq.ft.
               Mass discrepancy =    -0.53660E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2031    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98150E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13558    g/sq.ft.
                    Diffusion in from water table =    -0.96938    g/sq.ft.
               Total inflow at boundaries =     -1.2031    g/sq.ft.
               Mass discrepancy =    -0.15758E-05g/sq.ft.


Polygon   6
At time =      65.50, total mass in vadose zone =    0.44176E-01g/sq.ft.
Mass in gas phase     =      0.19187E-02g/sq.ft.
Mass in liquid phase  =      0.27024E-02g/sq.ft.
Mass sorbed           =      0.39555E-01g/sq.ft.

Since last printout at time =      65.00
               Change in Total Mass =    -0.95857E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.56018E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.35592E-03g/sq.ft.
                    Diffusion in from water table =    -0.54663E-03g/sq.ft.
               Total inflow at boundaries =    -0.95857E-03g/sq.ft.
               Mass discrepancy =     0.24920E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2041    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98206E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13594    g/sq.ft.
                    Diffusion in from water table =    -0.96993    g/sq.ft.
               Total inflow at boundaries =     -1.2041    g/sq.ft.
               Mass discrepancy =    -0.16168E-05g/sq.ft.


Polygon   6
At time =      66.00, total mass in vadose zone =    0.43238E-01g/sq.ft.
Mass in gas phase     =      0.18779E-02g/sq.ft.
Mass in liquid phase  =      0.26450E-02g/sq.ft.
Mass sorbed           =      0.38715E-01g/sq.ft.

Since last printout at time =      65.50
               Change in Total Mass =    -0.93818E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.54819E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.34842E-03g/sq.ft.
                    Diffusion in from water table =    -0.53494E-03g/sq.ft.
               Total inflow at boundaries =    -0.93818E-03g/sq.ft.
               Mass discrepancy =    -0.22956E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2050    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98261E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13629    g/sq.ft.
                    Diffusion in from water table =    -0.97046    g/sq.ft.
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               Total inflow at boundaries =     -1.2050    g/sq.ft.
               Mass discrepancy =    -0.16205E-05g/sq.ft.


Polygon   6
At time =      66.50, total mass in vadose zone =    0.42319E-01g/sq.ft.
Mass in gas phase     =      0.18381E-02g/sq.ft.
Mass in liquid phase  =      0.25888E-02g/sq.ft.
Mass sorbed           =      0.37892E-01g/sq.ft.

Since last printout at time =      66.00
               Change in Total Mass =    -0.91823E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.53647E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.34107E-03g/sq.ft.
                    Diffusion in from water table =    -0.52351E-03g/sq.ft.
               Total inflow at boundaries =    -0.91822E-03g/sq.ft.
               Mass discrepancy =    -0.32851E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2059    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98314E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13663    g/sq.ft.
                    Diffusion in from water table =    -0.97099    g/sq.ft.
               Total inflow at boundaries =     -1.2059    g/sq.ft.
               Mass discrepancy =    -0.16242E-05g/sq.ft.


Polygon   6
At time =      67.00, total mass in vadose zone =    0.41421E-01g/sq.ft.
Mass in gas phase     =      0.17990E-02g/sq.ft.
Mass in liquid phase  =      0.25338E-02g/sq.ft.
Mass sorbed           =      0.37088E-01g/sq.ft.

Since last printout at time =      66.50
               Change in Total Mass =    -0.89870E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.52500E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.33387E-03g/sq.ft.
                    Diffusion in from water table =    -0.51232E-03g/sq.ft.
               Total inflow at boundaries =    -0.89870E-03g/sq.ft.
               Mass discrepancy =     0.11387E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2068    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98367E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13696    g/sq.ft.
                    Diffusion in from water table =    -0.97150    g/sq.ft.
               Total inflow at boundaries =     -1.2068    g/sq.ft.
               Mass discrepancy =    -0.16466E-05g/sq.ft.


Polygon   6
At time =      67.50, total mass in vadose zone =    0.40541E-01g/sq.ft.
Mass in gas phase     =      0.17608E-02g/sq.ft.
Mass in liquid phase  =      0.24800E-02g/sq.ft.
Mass sorbed           =      0.36300E-01g/sq.ft.

Since last printout at time =      67.00
               Change in Total Mass =    -0.87959E-03g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.51378E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.32683E-03g/sq.ft.
                    Diffusion in from water table =    -0.50138E-03g/sq.ft.
               Total inflow at boundaries =    -0.87959E-03g/sq.ft.
               Mass discrepancy =    -0.18772E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2077    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98418E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13729    g/sq.ft.
                    Diffusion in from water table =    -0.97200    g/sq.ft.
               Total inflow at boundaries =     -1.2077    g/sq.ft.
               Mass discrepancy =    -0.16429E-05g/sq.ft.


Polygon   6
At time =      68.00, total mass in vadose zone =    0.39680E-01g/sq.ft.
Mass in gas phase     =      0.17234E-02g/sq.ft.
Mass in liquid phase  =      0.24274E-02g/sq.ft.
Mass sorbed           =      0.35529E-01g/sq.ft.

Since last printout at time =      67.50
               Change in Total Mass =    -0.86089E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.50280E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31993E-03g/sq.ft.
                    Diffusion in from water table =    -0.49068E-03g/sq.ft.
               Total inflow at boundaries =    -0.86089E-03g/sq.ft.
               Mass discrepancy =    -0.27685E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2086    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98469E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13761    g/sq.ft.
                    Diffusion in from water table =    -0.97249    g/sq.ft.
               Total inflow at boundaries =     -1.2086    g/sq.ft.
               Mass discrepancy =    -0.16615E-05g/sq.ft.


Polygon   6
At time =      68.50, total mass in vadose zone =    0.38838E-01g/sq.ft.
Mass in gas phase     =      0.16868E-02g/sq.ft.
Mass in liquid phase  =      0.23758E-02g/sq.ft.
Mass sorbed           =      0.34775E-01g/sq.ft.

Since last printout at time =      68.00
               Change in Total Mass =    -0.84259E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.49206E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.31317E-03g/sq.ft.
                    Diffusion in from water table =    -0.48021E-03g/sq.ft.
               Total inflow at boundaries =    -0.84258E-03g/sq.ft.
               Mass discrepancy =    -0.29249E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2094    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98518E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13792    g/sq.ft.
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                    Diffusion in from water table =    -0.97297    g/sq.ft.
               Total inflow at boundaries =     -1.2094    g/sq.ft.
               Mass discrepancy =    -0.16466E-05g/sq.ft.


Polygon   6
At time =      69.00, total mass in vadose zone =    0.38013E-01g/sq.ft.
Mass in gas phase     =      0.16510E-02g/sq.ft.
Mass in liquid phase  =      0.23254E-02g/sq.ft.
Mass sorbed           =      0.34036E-01g/sq.ft.

Since last printout at time =      68.50
               Change in Total Mass =    -0.82467E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.48156E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.30656E-03g/sq.ft.
                    Diffusion in from water table =    -0.46996E-03g/sq.ft.
               Total inflow at boundaries =    -0.82467E-03g/sq.ft.
               Mass discrepancy =    -0.36234E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2102    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98566E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13823    g/sq.ft.
                    Diffusion in from water table =    -0.97344    g/sq.ft.
               Total inflow at boundaries =     -1.2102    g/sq.ft.
               Mass discrepancy =    -0.16242E-05g/sq.ft.


Polygon   6
At time =      69.50, total mass in vadose zone =    0.37206E-01g/sq.ft.
Mass in gas phase     =      0.16160E-02g/sq.ft.
Mass in liquid phase  =      0.22760E-02g/sq.ft.
Mass sorbed           =      0.33314E-01g/sq.ft.

Since last printout at time =      69.00
               Change in Total Mass =    -0.80714E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.47128E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.30008E-03g/sq.ft.
                    Diffusion in from water table =    -0.45994E-03g/sq.ft.
               Total inflow at boundaries =    -0.80714E-03g/sq.ft.
               Mass discrepancy =     0.53296E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2110    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98613E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13853    g/sq.ft.
                    Diffusion in from water table =    -0.97390    g/sq.ft.
               Total inflow at boundaries =     -1.2110    g/sq.ft.
               Mass discrepancy =    -0.17062E-05g/sq.ft.


Polygon   6
At time =      70.00, total mass in vadose zone =    0.36416E-01g/sq.ft.
Mass in gas phase     =      0.15816E-02g/sq.ft.
Mass in liquid phase  =      0.22277E-02g/sq.ft.
Mass sorbed           =      0.32606E-01g/sq.ft.

Since last printout at time =      69.50
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               Change in Total Mass =    -0.78999E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.46122E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.29374E-03g/sq.ft.
                    Diffusion in from water table =    -0.45013E-03g/sq.ft.
               Total inflow at boundaries =    -0.78999E-03g/sq.ft.
               Mass discrepancy =    -0.29249E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2118    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98659E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13882    g/sq.ft.
                    Diffusion in from water table =    -0.97435    g/sq.ft.
               Total inflow at boundaries =     -1.2118    g/sq.ft.
               Mass discrepancy =    -0.16950E-05g/sq.ft.


Polygon   6
At time =      70.50, total mass in vadose zone =    0.35643E-01g/sq.ft.
Mass in gas phase     =      0.15481E-02g/sq.ft.
Mass in liquid phase  =      0.21804E-02g/sq.ft.
Mass sorbed           =      0.31914E-01g/sq.ft.

Since last printout at time =      70.00
               Change in Total Mass =    -0.77320E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.45138E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28753E-03g/sq.ft.
                    Diffusion in from water table =    -0.44053E-03g/sq.ft.
               Total inflow at boundaries =    -0.77320E-03g/sq.ft.
               Mass discrepancy =    -0.28958E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2126    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98704E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13911    g/sq.ft.
                    Diffusion in from water table =    -0.97479    g/sq.ft.
               Total inflow at boundaries =     -1.2126    g/sq.ft.
               Mass discrepancy =    -0.17025E-05g/sq.ft.


Polygon   6
At time =      71.00, total mass in vadose zone =    0.34886E-01g/sq.ft.
Mass in gas phase     =      0.15152E-02g/sq.ft.
Mass in liquid phase  =      0.21341E-02g/sq.ft.
Mass sorbed           =      0.31236E-01g/sq.ft.

Since last printout at time =      70.50
               Change in Total Mass =    -0.75677E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.44175E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.28145E-03g/sq.ft.
                    Diffusion in from water table =    -0.43114E-03g/sq.ft.
               Total inflow at boundaries =    -0.75676E-03g/sq.ft.
               Mass discrepancy =    -0.26193E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2134    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98749E-01g/sq.ft.
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```
                    Diffusion in from atmosphere =     -0.13939    g/sq.ft.
                    Diffusion in from water table =    -0.97522    g/sq.ft.
               Total inflow at boundaries =     -1.2134    g/sq.ft.
               Mass discrepancy =    -0.16913E-05g/sq.ft.


Polygon   6
At time =      71.50, total mass in vadose zone =    0.34145E-01g/sq.ft.
Mass in gas phase     =      0.14830E-02g/sq.ft.
Mass in liquid phase  =      0.20888E-02g/sq.ft.
Mass sorbed           =      0.30573E-01g/sq.ft.

Since last printout at time =      71.00
               Change in Total Mass =    -0.74068E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.43234E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.27550E-03g/sq.ft.
                    Diffusion in from water table =    -0.42195E-03g/sq.ft.
               Total inflow at boundaries =    -0.74068E-03g/sq.ft.
               Mass discrepancy =    -0.21901E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2141    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98792E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13967    g/sq.ft.
                    Diffusion in from water table =    -0.97564    g/sq.ft.
               Total inflow at boundaries =     -1.2141    g/sq.ft.
               Mass discrepancy =    -0.16168E-05g/sq.ft.


Polygon   6
At time =      72.00, total mass in vadose zone =    0.33420E-01g/sq.ft.
Mass in gas phase     =      0.14515E-02g/sq.ft.
Mass in liquid phase  =      0.20444E-02g/sq.ft.
Mass sorbed           =      0.29924E-01g/sq.ft.

Since last printout at time =      71.50
               Change in Total Mass =    -0.72495E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.42312E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26967E-03g/sq.ft.
                    Diffusion in from water table =    -0.41296E-03g/sq.ft.
               Total inflow at boundaries =    -0.72494E-03g/sq.ft.
               Mass discrepancy =    -0.16189E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2148    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98834E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.13994    g/sq.ft.
                    Diffusion in from water table =    -0.97606    g/sq.ft.
               Total inflow at boundaries =     -1.2148    g/sq.ft.
               Mass discrepancy =    -0.15236E-05g/sq.ft.


Polygon   6
At time =      72.50, total mass in vadose zone =    0.32711E-01g/sq.ft.
Mass in gas phase     =      0.14207E-02g/sq.ft.
Mass in liquid phase  =      0.20010E-02g/sq.ft.
Mass sorbed           =      0.29289E-01g/sq.ft.
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```
Since last printout at time =      72.00
               Change in Total Mass =    -0.70954E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.41410E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.26397E-03g/sq.ft.
                    Diffusion in from water table =    -0.40416E-03g/sq.ft.
               Total inflow at boundaries =    -0.70954E-03g/sq.ft.
               Mass discrepancy =    -0.11169E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2155    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98875E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14020    g/sq.ft.
                    Diffusion in from water table =    -0.97646    g/sq.ft.
               Total inflow at boundaries =     -1.2155    g/sq.ft.
               Mass discrepancy =    -0.15013E-05g/sq.ft.


Polygon   6
At time =      73.00, total mass in vadose zone =    0.32016E-01g/sq.ft.
Mass in gas phase     =      0.13906E-02g/sq.ft.
Mass in liquid phase  =      0.19585E-02g/sq.ft.
Mass sorbed           =      0.28667E-01g/sq.ft.

Since last printout at time =      72.50
               Change in Total Mass =    -0.69446E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.40528E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25838E-03g/sq.ft.
                    Diffusion in from water table =    -0.39556E-03g/sq.ft.
               Total inflow at boundaries =    -0.69446E-03g/sq.ft.
               Mass discrepancy =    -0.23647E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2162    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98916E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14046    g/sq.ft.
                    Diffusion in from water table =    -0.97686    g/sq.ft.
               Total inflow at boundaries =     -1.2162    g/sq.ft.
               Mass discrepancy =    -0.15125E-05g/sq.ft.


Polygon   6
At time =      73.50, total mass in vadose zone =    0.31336E-01g/sq.ft.
Mass in gas phase     =      0.13610E-02g/sq.ft.
Mass in liquid phase  =      0.19169E-02g/sq.ft.
Mass sorbed           =      0.28058E-01g/sq.ft.

Since last printout at time =      73.00
               Change in Total Mass =    -0.67971E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.39664E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.25291E-03g/sq.ft.
                    Diffusion in from water table =    -0.38713E-03g/sq.ft.
               Total inflow at boundaries =    -0.67971E-03g/sq.ft.
               Mass discrepancy =    -0.23902E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2169    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.98956E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14071    g/sq.ft.
                    Diffusion in from water table =    -0.97724    g/sq.ft.
               Total inflow at boundaries =     -1.2169    g/sq.ft.
               Mass discrepancy =    -0.15162E-05g/sq.ft.


Polygon   6
At time =      74.00, total mass in vadose zone =    0.30671E-01g/sq.ft.
Mass in gas phase     =      0.13321E-02g/sq.ft.
Mass in liquid phase  =      0.18762E-02g/sq.ft.
Mass sorbed           =      0.27463E-01g/sq.ft.

Since last printout at time =      73.50
               Change in Total Mass =    -0.66527E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.38820E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24756E-03g/sq.ft.
                    Diffusion in from water table =    -0.37889E-03g/sq.ft.
               Total inflow at boundaries =    -0.66527E-03g/sq.ft.
               Mass discrepancy =     0.44747E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2176    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.98995E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14096    g/sq.ft.
                    Diffusion in from water table =    -0.97762    g/sq.ft.
               Total inflow at boundaries =     -1.2176    g/sq.ft.
               Mass discrepancy =    -0.15087E-05g/sq.ft.


Polygon   6
At time =      74.50, total mass in vadose zone =    0.30020E-01g/sq.ft.
Mass in gas phase     =      0.13039E-02g/sq.ft.
Mass in liquid phase  =      0.18364E-02g/sq.ft.
Mass sorbed           =      0.26880E-01g/sq.ft.

Since last printout at time =      74.00
               Change in Total Mass =    -0.65114E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37993E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.24232E-03g/sq.ft.
                    Diffusion in from water table =    -0.37082E-03g/sq.ft.
               Total inflow at boundaries =    -0.65114E-03g/sq.ft.
               Mass discrepancy =    -0.39654E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2182    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99032E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14120    g/sq.ft.
                    Diffusion in from water table =    -0.97799    g/sq.ft.
               Total inflow at boundaries =     -1.2182    g/sq.ft.
               Mass discrepancy =    -0.16112E-05g/sq.ft.


Polygon   6
At time =      75.00, total mass in vadose zone =    0.29383E-01g/sq.ft.
Mass in gas phase     =      0.12762E-02g/sq.ft.
Mass in liquid phase  =      0.17974E-02g/sq.ft.
Mass sorbed           =      0.26309E-01g/sq.ft.
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Since last printout at time =      74.50
               Change in Total Mass =    -0.63731E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.37184E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23719E-03g/sq.ft.
                    Diffusion in from water table =    -0.36293E-03g/sq.ft.
               Total inflow at boundaries =    -0.63731E-03g/sq.ft.
               Mass discrepancy =    -0.18190E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2189    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99070E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14144    g/sq.ft.
                    Diffusion in from water table =    -0.97836    g/sq.ft.
               Total inflow at boundaries =     -1.2189    g/sq.ft.
               Mass discrepancy =    -0.16168E-05g/sq.ft.


Polygon   6
At time =      75.50, total mass in vadose zone =    0.28759E-01g/sq.ft.
Mass in gas phase     =      0.12491E-02g/sq.ft.
Mass in liquid phase  =      0.17593E-02g/sq.ft.
Mass sorbed           =      0.25751E-01g/sq.ft.

Since last printout at time =      75.00
               Change in Total Mass =    -0.62377E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.36392E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.23217E-03g/sq.ft.
                    Diffusion in from water table =    -0.35521E-03g/sq.ft.
               Total inflow at boundaries =    -0.62377E-03g/sq.ft.
               Mass discrepancy =    -0.34452E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2195    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99106E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14167    g/sq.ft.
                    Diffusion in from water table =    -0.97871    g/sq.ft.
               Total inflow at boundaries =     -1.2195    g/sq.ft.
               Mass discrepancy =    -0.16484E-05g/sq.ft.


Polygon   6
At time =      76.00, total mass in vadose zone =    0.28148E-01g/sq.ft.
Mass in gas phase     =      0.12226E-02g/sq.ft.
Mass in liquid phase  =      0.17219E-02g/sq.ft.
Mass sorbed           =      0.25204E-01g/sq.ft.

Since last printout at time =      75.50
               Change in Total Mass =    -0.61052E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.35618E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22725E-03g/sq.ft.
                    Diffusion in from water table =    -0.34765E-03g/sq.ft.
               Total inflow at boundaries =    -0.61052E-03g/sq.ft.
               Mass discrepancy =    -0.18190E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2201    g/sq.ft.
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                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99142E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14190    g/sq.ft.
                    Diffusion in from water table =    -0.97906    g/sq.ft.
               Total inflow at boundaries =     -1.2201    g/sq.ft.
               Mass discrepancy =    -0.16093E-05g/sq.ft.


Polygon   6
At time =      76.50, total mass in vadose zone =    0.27551E-01g/sq.ft.
Mass in gas phase     =      0.11966E-02g/sq.ft.
Mass in liquid phase  =      0.16854E-02g/sq.ft.
Mass sorbed           =      0.24669E-01g/sq.ft.

Since last printout at time =      76.00
               Change in Total Mass =    -0.59755E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34860E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.22244E-03g/sq.ft.
                    Diffusion in from water table =    -0.34025E-03g/sq.ft.
               Total inflow at boundaries =    -0.59755E-03g/sq.ft.
               Mass discrepancy =     0.23247E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2207    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99177E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14212    g/sq.ft.
                    Diffusion in from water table =    -0.97940    g/sq.ft.
               Total inflow at boundaries =     -1.2207    g/sq.ft.
               Mass discrepancy =    -0.16596E-05g/sq.ft.


Polygon   6
At time =      77.00, total mass in vadose zone =    0.26966E-01g/sq.ft.
Mass in gas phase     =      0.11712E-02g/sq.ft.
Mass in liquid phase  =      0.16496E-02g/sq.ft.
Mass sorbed           =      0.24145E-01g/sq.ft.

Since last printout at time =      76.50
               Change in Total Mass =    -0.58486E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.34118E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21773E-03g/sq.ft.
                    Diffusion in from water table =    -0.33301E-03g/sq.ft.
               Total inflow at boundaries =    -0.58486E-03g/sq.ft.
               Mass discrepancy =    -0.26339E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2213    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99211E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14234    g/sq.ft.
                    Diffusion in from water table =    -0.97973    g/sq.ft.
               Total inflow at boundaries =     -1.2213    g/sq.ft.
               Mass discrepancy =    -0.16969E-05g/sq.ft.


Polygon   6
At time =      77.50, total mass in vadose zone =    0.26394E-01g/sq.ft.
Mass in gas phase     =      0.11463E-02g/sq.ft.
Mass in liquid phase  =      0.16146E-02g/sq.ft.
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Mass sorbed           =      0.23633E-01g/sq.ft.

Since last printout at time =      77.00
               Change in Total Mass =    -0.57244E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.33392E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.21312E-03g/sq.ft.
                    Diffusion in from water table =    -0.32593E-03g/sq.ft.
               Total inflow at boundaries =    -0.57244E-03g/sq.ft.
               Mass discrepancy =    -0.28376E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2219    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99244E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14255    g/sq.ft.
                    Diffusion in from water table =    -0.98006    g/sq.ft.
               Total inflow at boundaries =     -1.2219    g/sq.ft.
               Mass discrepancy =    -0.16112E-05g/sq.ft.


Polygon   6
At time =      78.00, total mass in vadose zone =    0.25833E-01g/sq.ft.
Mass in gas phase     =      0.11220E-02g/sq.ft.
Mass in liquid phase  =      0.15803E-02g/sq.ft.
Mass sorbed           =      0.23131E-01g/sq.ft.

Since last printout at time =      77.50
               Change in Total Mass =    -0.56029E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.32682E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20860E-03g/sq.ft.
                    Diffusion in from water table =    -0.31900E-03g/sq.ft.
               Total inflow at boundaries =    -0.56028E-03g/sq.ft.
               Mass discrepancy =    -0.37471E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2224    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99277E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14276    g/sq.ft.
                    Diffusion in from water table =    -0.98038    g/sq.ft.
               Total inflow at boundaries =     -1.2224    g/sq.ft.
               Mass discrepancy =    -0.17397E-05g/sq.ft.


Polygon   6
At time =      78.50, total mass in vadose zone =    0.25285E-01g/sq.ft.
Mass in gas phase     =      0.10982E-02g/sq.ft.
Mass in liquid phase  =      0.15468E-02g/sq.ft.
Mass sorbed           =      0.22640E-01g/sq.ft.

Since last printout at time =      78.00
               Change in Total Mass =    -0.54838E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31986E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.20418E-03g/sq.ft.
                    Diffusion in from water table =    -0.31221E-03g/sq.ft.
               Total inflow at boundaries =    -0.54838E-03g/sq.ft.
               Mass discrepancy =     0.17717E-08g/sq.ft.

Since beginning of run at time = 0.0
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               Change in Total Mass =     -1.2230    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99309E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14296    g/sq.ft.
                    Diffusion in from water table =    -0.98069    g/sq.ft.
               Total inflow at boundaries =     -1.2230    g/sq.ft.
               Mass discrepancy =    -0.17136E-05g/sq.ft.


Polygon   6
At time =      79.00, total mass in vadose zone =    0.24748E-01g/sq.ft.
Mass in gas phase     =      0.10749E-02g/sq.ft.
Mass in liquid phase  =      0.15139E-02g/sq.ft.
Mass sorbed           =      0.22159E-01g/sq.ft.

Since last printout at time =      78.50
               Change in Total Mass =    -0.53674E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.31306E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19986E-03g/sq.ft.
                    Diffusion in from water table =    -0.30558E-03g/sq.ft.
               Total inflow at boundaries =    -0.53674E-03g/sq.ft.
               Mass discrepancy =    -0.22774E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2235    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99340E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14316    g/sq.ft.
                    Diffusion in from water table =    -0.98099    g/sq.ft.
               Total inflow at boundaries =     -1.2235    g/sq.ft.
               Mass discrepancy =    -0.17136E-05g/sq.ft.


Polygon   6
At time =      79.50, total mass in vadose zone =    0.24223E-01g/sq.ft.
Mass in gas phase     =      0.10521E-02g/sq.ft.
Mass in liquid phase  =      0.14818E-02g/sq.ft.
Mass sorbed           =      0.21689E-01g/sq.ft.

Since last printout at time =      79.00
               Change in Total Mass =    -0.52534E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.30640E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19562E-03g/sq.ft.
                    Diffusion in from water table =    -0.29908E-03g/sq.ft.
               Total inflow at boundaries =    -0.52534E-03g/sq.ft.
               Mass discrepancy =    -0.88039E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2240    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99371E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14336    g/sq.ft.
                    Diffusion in from water table =    -0.98129    g/sq.ft.
               Total inflow at boundaries =     -1.2240    g/sq.ft.
               Mass discrepancy =    -0.17583E-05g/sq.ft.


Polygon   6
At time =      80.00, total mass in vadose zone =    0.23709E-01g/sq.ft.
Mass in gas phase     =      0.10297E-02g/sq.ft.
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Mass in liquid phase  =      0.14503E-02g/sq.ft.
Mass sorbed           =      0.21229E-01g/sq.ft.

Since last printout at time =      79.50
               Change in Total Mass =    -0.51419E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29989E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.19148E-03g/sq.ft.
                    Diffusion in from water table =    -0.29272E-03g/sq.ft.
               Total inflow at boundaries =    -0.51418E-03g/sq.ft.
               Mass discrepancy =    -0.11350E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2245    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99401E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14355    g/sq.ft.
                    Diffusion in from water table =    -0.98159    g/sq.ft.
               Total inflow at boundaries =     -1.2245    g/sq.ft.
               Mass discrepancy =    -0.16969E-05g/sq.ft.


Polygon   6
At time =      80.50, total mass in vadose zone =    0.23205E-01g/sq.ft.
Mass in gas phase     =      0.10079E-02g/sq.ft.
Mass in liquid phase  =      0.14195E-02g/sq.ft.
Mass sorbed           =      0.20778E-01g/sq.ft.

Since last printout at time =      80.00
               Change in Total Mass =    -0.50327E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.29351E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18742E-03g/sq.ft.
                    Diffusion in from water table =    -0.28650E-03g/sq.ft.
               Total inflow at boundaries =    -0.50327E-03g/sq.ft.
               Mass discrepancy =    -0.71122E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2250    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99430E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14374    g/sq.ft.
                    Diffusion in from water table =    -0.98187    g/sq.ft.
               Total inflow at boundaries =     -1.2250    g/sq.ft.
               Mass discrepancy =    -0.17956E-05g/sq.ft.


Polygon   6
At time =      81.00, total mass in vadose zone =    0.22713E-01g/sq.ft.
Mass in gas phase     =      0.98648E-03g/sq.ft.
Mass in liquid phase  =      0.13894E-02g/sq.ft.
Mass sorbed           =      0.20337E-01g/sq.ft.

Since last printout at time =      80.50
               Change in Total Mass =    -0.49258E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28727E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.18344E-03g/sq.ft.
                    Diffusion in from water table =    -0.28041E-03g/sq.ft.
               Total inflow at boundaries =    -0.49258E-03g/sq.ft.
               Mass discrepancy =    -0.10532E-08g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2255    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99459E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14392    g/sq.ft.
                    Diffusion in from water table =    -0.98215    g/sq.ft.
               Total inflow at boundaries =     -1.2255    g/sq.ft.
               Mass discrepancy =    -0.17807E-05g/sq.ft.


Polygon   6
At time =      81.50, total mass in vadose zone =    0.22231E-01g/sq.ft.
Mass in gas phase     =      0.96554E-03g/sq.ft.
Mass in liquid phase  =      0.13599E-02g/sq.ft.
Mass sorbed           =      0.19905E-01g/sq.ft.

Since last printout at time =      81.00
               Change in Total Mass =    -0.48212E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.28116E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17956E-03g/sq.ft.
                    Diffusion in from water table =    -0.27445E-03g/sq.ft.
               Total inflow at boundaries =    -0.48212E-03g/sq.ft.
               Mass discrepancy =    -0.14879E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2260    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99487E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14410    g/sq.ft.
                    Diffusion in from water table =    -0.98243    g/sq.ft.
               Total inflow at boundaries =     -1.2260    g/sq.ft.
               Mass discrepancy =    -0.17453E-05g/sq.ft.


Polygon   6
At time =      82.00, total mass in vadose zone =    0.21759E-01g/sq.ft.
Mass in gas phase     =      0.94505E-03g/sq.ft.
Mass in liquid phase  =      0.13311E-02g/sq.ft.
Mass sorbed           =      0.19483E-01g/sq.ft.

Since last printout at time =      81.50
               Change in Total Mass =    -0.47188E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.27519E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17575E-03g/sq.ft.
                    Diffusion in from water table =    -0.26861E-03g/sq.ft.
               Total inflow at boundaries =    -0.47188E-03g/sq.ft.
               Mass discrepancy =     0.59663E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2265    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99514E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14428    g/sq.ft.
                    Diffusion in from water table =    -0.98270    g/sq.ft.
               Total inflow at boundaries =     -1.2265    g/sq.ft.
               Mass discrepancy =    -0.18273E-05g/sq.ft.


Polygon   6
At time =      82.50, total mass in vadose zone =    0.21297E-01g/sq.ft.
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```
Mass in gas phase     =      0.92499E-03g/sq.ft.
Mass in liquid phase  =      0.13028E-02g/sq.ft.
Mass sorbed           =      0.19069E-01g/sq.ft.

Since last printout at time =      82.00
               Change in Total Mass =    -0.46187E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26934E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.17202E-03g/sq.ft.
                    Diffusion in from water table =    -0.26291E-03g/sq.ft.
               Total inflow at boundaries =    -0.46186E-03g/sq.ft.
               Mass discrepancy =    -0.31905E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2270    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99541E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14445    g/sq.ft.
                    Diffusion in from water table =    -0.98296    g/sq.ft.
               Total inflow at boundaries =     -1.2269    g/sq.ft.
               Mass discrepancy =    -0.18105E-05g/sq.ft.


Polygon   6
At time =      83.00, total mass in vadose zone =    0.20845E-01g/sq.ft.
Mass in gas phase     =      0.90535E-03g/sq.ft.
Mass in liquid phase  =      0.12751E-02g/sq.ft.
Mass sorbed           =      0.18664E-01g/sq.ft.

Since last printout at time =      82.50
               Change in Total Mass =    -0.45206E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.26361E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16838E-03g/sq.ft.
                    Diffusion in from water table =    -0.25732E-03g/sq.ft.
               Total inflow at boundaries =    -0.45206E-03g/sq.ft.
               Mass discrepancy =    -0.27667E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2274    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99568E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14462    g/sq.ft.
                    Diffusion in from water table =    -0.98322    g/sq.ft.
               Total inflow at boundaries =     -1.2274    g/sq.ft.
               Mass discrepancy =    -0.18962E-05g/sq.ft.


Polygon   6
At time =      83.50, total mass in vadose zone =    0.20402E-01g/sq.ft.
Mass in gas phase     =      0.88613E-03g/sq.ft.
Mass in liquid phase  =      0.12481E-02g/sq.ft.
Mass sorbed           =      0.18268E-01g/sq.ft.

Since last printout at time =      83.00
               Change in Total Mass =    -0.44246E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25801E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16481E-03g/sq.ft.
                    Diffusion in from water table =    -0.25185E-03g/sq.ft.
               Total inflow at boundaries =    -0.44246E-03g/sq.ft.
               Mass discrepancy =    -0.64574E-09g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2278    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99593E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14478    g/sq.ft.
                    Diffusion in from water table =    -0.98347    g/sq.ft.
               Total inflow at boundaries =     -1.2278    g/sq.ft.
               Mass discrepancy =    -0.19185E-05g/sq.ft.


Polygon   6
At time =      84.00, total mass in vadose zone =    0.19969E-01g/sq.ft.
Mass in gas phase     =      0.86733E-03g/sq.ft.
Mass in liquid phase  =      0.12216E-02g/sq.ft.
Mass sorbed           =      0.17880E-01g/sq.ft.

Since last printout at time =      83.50
               Change in Total Mass =    -0.43306E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.25253E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.16131E-03g/sq.ft.
                    Diffusion in from water table =    -0.24650E-03g/sq.ft.
               Total inflow at boundaries =    -0.43307E-03g/sq.ft.
               Mass discrepancy =     0.23592E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2283    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99619E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14494    g/sq.ft.
                    Diffusion in from water table =    -0.98372    g/sq.ft.
               Total inflow at boundaries =     -1.2283    g/sq.ft.
               Mass discrepancy =    -0.19018E-05g/sq.ft.


Polygon   6
At time =      84.50, total mass in vadose zone =    0.19545E-01g/sq.ft.
Mass in gas phase     =      0.84892E-03g/sq.ft.
Mass in liquid phase  =      0.11957E-02g/sq.ft.
Mass sorbed           =      0.17501E-01g/sq.ft.

Since last printout at time =      84.00
               Change in Total Mass =    -0.42387E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24716E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15789E-03g/sq.ft.
                    Diffusion in from water table =    -0.24126E-03g/sq.ft.
               Total inflow at boundaries =    -0.42387E-03g/sq.ft.
               Mass discrepancy =    -0.17517E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2287    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99643E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14510    g/sq.ft.
                    Diffusion in from water table =    -0.98396    g/sq.ft.
               Total inflow at boundaries =     -1.2287    g/sq.ft.
               Mass discrepancy =    -0.18813E-05g/sq.ft.


Polygon   6
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```
At time =      85.00, total mass in vadose zone =    0.19131E-01g/sq.ft.
Mass in gas phase     =      0.83090E-03g/sq.ft.
Mass in liquid phase  =      0.11703E-02g/sq.ft.
Mass sorbed           =      0.17129E-01g/sq.ft.

Since last printout at time =      84.50
               Change in Total Mass =    -0.41487E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.24191E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15454E-03g/sq.ft.
                    Diffusion in from water table =    -0.23614E-03g/sq.ft.
               Total inflow at boundaries =    -0.41487E-03g/sq.ft.
               Mass discrepancy =     0.13551E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2291    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99668E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14526    g/sq.ft.
                    Diffusion in from water table =    -0.98419    g/sq.ft.
               Total inflow at boundaries =     -1.2291    g/sq.ft.
               Mass discrepancy =    -0.19260E-05g/sq.ft.


Polygon   6
At time =      85.50, total mass in vadose zone =    0.18725E-01g/sq.ft.
Mass in gas phase     =      0.81326E-03g/sq.ft.
Mass in liquid phase  =      0.11454E-02g/sq.ft.
Mass sorbed           =      0.16766E-01g/sq.ft.

Since last printout at time =      85.00
               Change in Total Mass =    -0.40607E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23677E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.15127E-03g/sq.ft.
                    Diffusion in from water table =    -0.23112E-03g/sq.ft.
               Total inflow at boundaries =    -0.40606E-03g/sq.ft.
               Mass discrepancy =    -0.18026E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2295    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99691E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14541    g/sq.ft.
                    Diffusion in from water table =    -0.98442    g/sq.ft.
               Total inflow at boundaries =     -1.2295    g/sq.ft.
               Mass discrepancy =    -0.18384E-05g/sq.ft.


Polygon   6
At time =      86.00, total mass in vadose zone =    0.18327E-01g/sq.ft.
Mass in gas phase     =      0.79600E-03g/sq.ft.
Mass in liquid phase  =      0.11211E-02g/sq.ft.
Mass sorbed           =      0.16410E-01g/sq.ft.

Since last printout at time =      85.50
               Change in Total Mass =    -0.39745E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.23174E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14806E-03g/sq.ft.
                    Diffusion in from water table =    -0.22621E-03g/sq.ft.
               Total inflow at boundaries =    -0.39744E-03g/sq.ft.
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               Mass discrepancy =    -0.22501E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2299    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99714E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14556    g/sq.ft.
                    Diffusion in from water table =    -0.98465    g/sq.ft.
               Total inflow at boundaries =     -1.2299    g/sq.ft.
               Mass discrepancy =    -0.18552E-05g/sq.ft.


Polygon   6
At time =      86.50, total mass in vadose zone =    0.17938E-01g/sq.ft.
Mass in gas phase     =      0.77910E-03g/sq.ft.
Mass in liquid phase  =      0.10973E-02g/sq.ft.
Mass sorbed           =      0.16062E-01g/sq.ft.

Since last printout at time =      86.00
               Change in Total Mass =    -0.38901E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22682E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14492E-03g/sq.ft.
                    Diffusion in from water table =    -0.22141E-03g/sq.ft.
               Total inflow at boundaries =    -0.38901E-03g/sq.ft.
               Mass discrepancy =    -0.20773E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2303    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99737E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14570    g/sq.ft.
                    Diffusion in from water table =    -0.98487    g/sq.ft.
               Total inflow at boundaries =     -1.2303    g/sq.ft.
               Mass discrepancy =    -0.19055E-05g/sq.ft.


Polygon   6
At time =      87.00, total mass in vadose zone =    0.17557E-01g/sq.ft.
Mass in gas phase     =      0.76257E-03g/sq.ft.
Mass in liquid phase  =      0.10740E-02g/sq.ft.
Mass sorbed           =      0.15721E-01g/sq.ft.

Since last printout at time =      86.50
               Change in Total Mass =    -0.38075E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.22200E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.14185E-03g/sq.ft.
                    Diffusion in from water table =    -0.21670E-03g/sq.ft.
               Total inflow at boundaries =    -0.38075E-03g/sq.ft.
               Mass discrepancy =     0.38199E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2307    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99759E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14584    g/sq.ft.
                    Diffusion in from water table =    -0.98509    g/sq.ft.
               Total inflow at boundaries =     -1.2307    g/sq.ft.
               Mass discrepancy =    -0.18682E-05g/sq.ft.
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```
Polygon   6
At time =      87.50, total mass in vadose zone =    0.17185E-01g/sq.ft.
Mass in gas phase     =      0.74638E-03g/sq.ft.
Mass in liquid phase  =      0.10512E-02g/sq.ft.
Mass sorbed           =      0.15387E-01g/sq.ft.

Since last printout at time =      87.00
               Change in Total Mass =    -0.37266E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21728E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13884E-03g/sq.ft.
                    Diffusion in from water table =    -0.21210E-03g/sq.ft.
               Total inflow at boundaries =    -0.37266E-03g/sq.ft.
               Mass discrepancy =     0.13006E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2311    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99781E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14598    g/sq.ft.
                    Diffusion in from water table =    -0.98530    g/sq.ft.
               Total inflow at boundaries =     -1.2311    g/sq.ft.
               Mass discrepancy =    -0.18533E-05g/sq.ft.


Polygon   6
At time =      88.00, total mass in vadose zone =    0.16820E-01g/sq.ft.
Mass in gas phase     =      0.73054E-03g/sq.ft.
Mass in liquid phase  =      0.10289E-02g/sq.ft.
Mass sorbed           =      0.15060E-01g/sq.ft.

Since last printout at time =      87.50
               Change in Total Mass =    -0.36476E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.21267E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13589E-03g/sq.ft.
                    Diffusion in from water table =    -0.20759E-03g/sq.ft.
               Total inflow at boundaries =    -0.36475E-03g/sq.ft.
               Mass discrepancy =    -0.30541E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2314    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99802E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14612    g/sq.ft.
                    Diffusion in from water table =    -0.98551    g/sq.ft.
               Total inflow at boundaries =     -1.2314    g/sq.ft.
               Mass discrepancy =    -0.18366E-05g/sq.ft.


Polygon   6
At time =      88.50, total mass in vadose zone =    0.16463E-01g/sq.ft.
Mass in gas phase     =      0.71503E-03g/sq.ft.
Mass in liquid phase  =      0.10071E-02g/sq.ft.
Mass sorbed           =      0.14741E-01g/sq.ft.

Since last printout at time =      88.00
               Change in Total Mass =    -0.35701E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20815E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13301E-03g/sq.ft.
                    Diffusion in from water table =    -0.20319E-03g/sq.ft.
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               Total inflow at boundaries =    -0.35701E-03g/sq.ft.
               Mass discrepancy =    -0.13970E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2318    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99823E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14625    g/sq.ft.
                    Diffusion in from water table =    -0.98571    g/sq.ft.
               Total inflow at boundaries =     -1.2318    g/sq.ft.
               Mass discrepancy =    -0.18384E-05g/sq.ft.


Polygon   6
At time =      89.00, total mass in vadose zone =    0.16113E-01g/sq.ft.
Mass in gas phase     =      0.69985E-03g/sq.ft.
Mass in liquid phase  =      0.98571E-03g/sq.ft.
Mass sorbed           =      0.14428E-01g/sq.ft.

Since last printout at time =      88.50
               Change in Total Mass =    -0.34943E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.20373E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.13019E-03g/sq.ft.
                    Diffusion in from water table =    -0.19887E-03g/sq.ft.
               Total inflow at boundaries =    -0.34943E-03g/sq.ft.
               Mass discrepancy =     0.77489E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2321    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99844E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14638    g/sq.ft.
                    Diffusion in from water table =    -0.98591    g/sq.ft.
               Total inflow at boundaries =     -1.2321    g/sq.ft.
               Mass discrepancy =    -0.18813E-05g/sq.ft.


Polygon   6
At time =      89.50, total mass in vadose zone =    0.15771E-01g/sq.ft.
Mass in gas phase     =      0.68500E-03g/sq.ft.
Mass in liquid phase  =      0.96479E-03g/sq.ft.
Mass sorbed           =      0.14122E-01g/sq.ft.

Since last printout at time =      89.00
               Change in Total Mass =    -0.34202E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19940E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12743E-03g/sq.ft.
                    Diffusion in from water table =    -0.19465E-03g/sq.ft.
               Total inflow at boundaries =    -0.34201E-03g/sq.ft.
               Mass discrepancy =    -0.18608E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2325    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99863E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14651    g/sq.ft.
                    Diffusion in from water table =    -0.98610    g/sq.ft.
               Total inflow at boundaries =     -1.2325    g/sq.ft.
               Mass discrepancy =    -0.18552E-05g/sq.ft.
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Polygon   6
At time =      90.00, total mass in vadose zone =    0.15437E-01g/sq.ft.
Mass in gas phase     =      0.67046E-03g/sq.ft.
Mass in liquid phase  =      0.94431E-03g/sq.ft.
Mass sorbed           =      0.13822E-01g/sq.ft.

Since last printout at time =      89.50
               Change in Total Mass =    -0.33475E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19517E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12472E-03g/sq.ft.
                    Diffusion in from water table =    -0.19051E-03g/sq.ft.
               Total inflow at boundaries =    -0.33475E-03g/sq.ft.
               Mass discrepancy =    -0.63301E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2328    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99883E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14663    g/sq.ft.
                    Diffusion in from water table =    -0.98629    g/sq.ft.
               Total inflow at boundaries =     -1.2328    g/sq.ft.
               Mass discrepancy =    -0.18170E-05g/sq.ft.


Polygon   6
At time =      90.50, total mass in vadose zone =    0.15109E-01g/sq.ft.
Mass in gas phase     =      0.65623E-03g/sq.ft.
Mass in liquid phase  =      0.92427E-03g/sq.ft.
Mass sorbed           =      0.13529E-01g/sq.ft.

Since last printout at time =      90.00
               Change in Total Mass =    -0.32765E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.19102E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.12208E-03g/sq.ft.
                    Diffusion in from water table =    -0.18647E-03g/sq.ft.
               Total inflow at boundaries =    -0.32765E-03g/sq.ft.
               Mass discrepancy =    -0.16480E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2331    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99902E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14675    g/sq.ft.
                    Diffusion in from water table =    -0.98648    g/sq.ft.
               Total inflow at boundaries =     -1.2331    g/sq.ft.
               Mass discrepancy =    -0.18487E-05g/sq.ft.


Polygon   6
At time =      91.00, total mass in vadose zone =    0.14788E-01g/sq.ft.
Mass in gas phase     =      0.64230E-03g/sq.ft.
Mass in liquid phase  =      0.90465E-03g/sq.ft.
Mass sorbed           =      0.13241E-01g/sq.ft.

Since last printout at time =      90.50
               Change in Total Mass =    -0.32069E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18696E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11949E-03g/sq.ft.
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                    Diffusion in from water table =    -0.18251E-03g/sq.ft.
               Total inflow at boundaries =    -0.32069E-03g/sq.ft.
               Mass discrepancy =     0.15461E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2335    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99921E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14687    g/sq.ft.
                    Diffusion in from water table =    -0.98666    g/sq.ft.
               Total inflow at boundaries =     -1.2335    g/sq.ft.
               Mass discrepancy =    -0.18375E-05g/sq.ft.


Polygon   6
At time =      91.50, total mass in vadose zone =    0.14474E-01g/sq.ft.
Mass in gas phase     =      0.62867E-03g/sq.ft.
Mass in liquid phase  =      0.88545E-03g/sq.ft.
Mass sorbed           =      0.12960E-01g/sq.ft.

Since last printout at time =      91.00
               Change in Total Mass =    -0.31388E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.18299E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11695E-03g/sq.ft.
                    Diffusion in from water table =    -0.17863E-03g/sq.ft.
               Total inflow at boundaries =    -0.31388E-03g/sq.ft.
               Mass discrepancy =    -0.33651E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2338    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99939E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14699    g/sq.ft.
                    Diffusion in from water table =    -0.98684    g/sq.ft.
               Total inflow at boundaries =     -1.2338    g/sq.ft.
               Mass discrepancy =    -0.18515E-05g/sq.ft.


Polygon   6
At time =      92.00, total mass in vadose zone =    0.14167E-01g/sq.ft.
Mass in gas phase     =      0.61532E-03g/sq.ft.
Mass in liquid phase  =      0.86665E-03g/sq.ft.
Mass sorbed           =      0.12685E-01g/sq.ft.

Since last printout at time =      91.50
               Change in Total Mass =    -0.30722E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17911E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11447E-03g/sq.ft.
                    Diffusion in from water table =    -0.17484E-03g/sq.ft.
               Total inflow at boundaries =    -0.30722E-03g/sq.ft.
               Mass discrepancy =    -0.24265E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2341    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99957E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14711    g/sq.ft.
                    Diffusion in from water table =    -0.98702    g/sq.ft.
               Total inflow at boundaries =     -1.2341    g/sq.ft.
               Mass discrepancy =    -0.18058E-05g/sq.ft.
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Polygon   6
At time =      92.50, total mass in vadose zone =    0.13867E-01g/sq.ft.
Mass in gas phase     =      0.60226E-03g/sq.ft.
Mass in liquid phase  =      0.84826E-03g/sq.ft.
Mass sorbed           =      0.12416E-01g/sq.ft.

Since last printout at time =      92.00
               Change in Total Mass =    -0.30070E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17530E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.11204E-03g/sq.ft.
                    Diffusion in from water table =    -0.17113E-03g/sq.ft.
               Total inflow at boundaries =    -0.30070E-03g/sq.ft.
               Mass discrepancy =     0.49113E-10g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2344    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99975E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14722    g/sq.ft.
                    Diffusion in from water table =    -0.98719    g/sq.ft.
               Total inflow at boundaries =     -1.2344    g/sq.ft.
               Mass discrepancy =    -0.17928E-05g/sq.ft.


Polygon   6
At time =      93.00, total mass in vadose zone =    0.13572E-01g/sq.ft.
Mass in gas phase     =      0.58948E-03g/sq.ft.
Mass in liquid phase  =      0.83025E-03g/sq.ft.
Mass sorbed           =      0.12152E-01g/sq.ft.

Since last printout at time =      92.50
               Change in Total Mass =    -0.29432E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.17158E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10967E-03g/sq.ft.
                    Diffusion in from water table =    -0.16749E-03g/sq.ft.
               Total inflow at boundaries =    -0.29432E-03g/sq.ft.
               Mass discrepancy =    -0.57662E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2347    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.99992E-01g/sq.ft.
                    Diffusion in from atmosphere =     -0.14733    g/sq.ft.
                    Diffusion in from water table =    -0.98736    g/sq.ft.
               Total inflow at boundaries =     -1.2347    g/sq.ft.
               Mass discrepancy =    -0.17900E-05g/sq.ft.


Polygon   6
At time =      93.50, total mass in vadose zone =    0.13284E-01g/sq.ft.
Mass in gas phase     =      0.57697E-03g/sq.ft.
Mass in liquid phase  =      0.81263E-03g/sq.ft.
Mass sorbed           =      0.11895E-01g/sq.ft.

Since last printout at time =      93.00
               Change in Total Mass =    -0.28807E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16794E-04g/sq.ft.
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                    Diffusion in from atmosphere =     -0.10734E-03g/sq.ft.
                    Diffusion in from water table =    -0.16394E-03g/sq.ft.
               Total inflow at boundaries =    -0.28807E-03g/sq.ft.
               Mass discrepancy =    -0.69485E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2350    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10001    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14743    g/sq.ft.
                    Diffusion in from water table =    -0.98752    g/sq.ft.
               Total inflow at boundaries =     -1.2350    g/sq.ft.
               Mass discrepancy =    -0.17537E-05g/sq.ft.


Polygon   6
At time =      94.00, total mass in vadose zone =    0.13002E-01g/sq.ft.
Mass in gas phase     =      0.56472E-03g/sq.ft.
Mass in liquid phase  =      0.79538E-03g/sq.ft.
Mass sorbed           =      0.11642E-01g/sq.ft.

Since last printout at time =      93.50
               Change in Total Mass =    -0.28196E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16437E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10506E-03g/sq.ft.
                    Diffusion in from water table =    -0.16046E-03g/sq.ft.
               Total inflow at boundaries =    -0.28195E-03g/sq.ft.
               Mass discrepancy =    -0.38926E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2352    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10002    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14754    g/sq.ft.
                    Diffusion in from water table =    -0.98768    g/sq.ft.
               Total inflow at boundaries =     -1.2352    g/sq.ft.
               Mass discrepancy =    -0.17714E-05g/sq.ft.


Polygon   6
At time =      94.50, total mass in vadose zone =    0.12726E-01g/sq.ft.
Mass in gas phase     =      0.55274E-03g/sq.ft.
Mass in liquid phase  =      0.77850E-03g/sq.ft.
Mass sorbed           =      0.11395E-01g/sq.ft.

Since last printout at time =      94.00
               Change in Total Mass =    -0.27597E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.16088E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10283E-03g/sq.ft.
                    Diffusion in from water table =    -0.15705E-03g/sq.ft.
               Total inflow at boundaries =    -0.27597E-03g/sq.ft.
               Mass discrepancy =     0.11714E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2355    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10004    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14764    g/sq.ft.
                    Diffusion in from water table =    -0.98784    g/sq.ft.
               Total inflow at boundaries =     -1.2355    g/sq.ft.
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               Mass discrepancy =    -0.17704E-05g/sq.ft.


Polygon   6
At time =      95.00, total mass in vadose zone =    0.12456E-01g/sq.ft.
Mass in gas phase     =      0.54100E-03g/sq.ft.
Mass in liquid phase  =      0.76198E-03g/sq.ft.
Mass sorbed           =      0.11153E-01g/sq.ft.

Since last printout at time =      94.50
               Change in Total Mass =    -0.27011E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15747E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.10065E-03g/sq.ft.
                    Diffusion in from water table =    -0.15371E-03g/sq.ft.
               Total inflow at boundaries =    -0.27011E-03g/sq.ft.
               Mass discrepancy =    -0.14679E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2358    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10006    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14774    g/sq.ft.
                    Diffusion in from water table =    -0.98799    g/sq.ft.
               Total inflow at boundaries =     -1.2358    g/sq.ft.
               Mass discrepancy =    -0.17630E-05g/sq.ft.


Polygon   6
At time =      95.50, total mass in vadose zone =    0.12192E-01g/sq.ft.
Mass in gas phase     =      0.52952E-03g/sq.ft.
Mass in liquid phase  =      0.74581E-03g/sq.ft.
Mass sorbed           =      0.10916E-01g/sq.ft.

Since last printout at time =      95.00
               Change in Total Mass =    -0.26438E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.15412E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.98516E-04g/sq.ft.
                    Diffusion in from water table =    -0.15045E-03g/sq.ft.
               Total inflow at boundaries =    -0.26438E-03g/sq.ft.
               Mass discrepancy =     0.11096E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2361    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10007    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14784    g/sq.ft.
                    Diffusion in from water table =    -0.98814    g/sq.ft.
               Total inflow at boundaries =     -1.2361    g/sq.ft.
               Mass discrepancy =    -0.16978E-05g/sq.ft.


Polygon   6
At time =      96.00, total mass in vadose zone =    0.11933E-01g/sq.ft.
Mass in gas phase     =      0.51828E-03g/sq.ft.
Mass in liquid phase  =      0.72998E-03g/sq.ft.
Mass sorbed           =      0.10685E-01g/sq.ft.

Since last printout at time =      95.50
               Change in Total Mass =    -0.25877E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =    -0.15085E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.96425E-04g/sq.ft.
                    Diffusion in from water table =    -0.14726E-03g/sq.ft.
               Total inflow at boundaries =    -0.25877E-03g/sq.ft.
               Mass discrepancy =    -0.42928E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2363    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10009    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14794    g/sq.ft.
                    Diffusion in from water table =    -0.98829    g/sq.ft.
               Total inflow at boundaries =     -1.2363    g/sq.ft.
               Mass discrepancy =    -0.17285E-05g/sq.ft.


Polygon   6
At time =      96.50, total mass in vadose zone =    0.11680E-01g/sq.ft.
Mass in gas phase     =      0.50728E-03g/sq.ft.
Mass in liquid phase  =      0.71448E-03g/sq.ft.
Mass sorbed           =      0.10458E-01g/sq.ft.

Since last printout at time =      96.00
               Change in Total Mass =    -0.25327E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14765E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.94379E-04g/sq.ft.
                    Diffusion in from water table =    -0.14413E-03g/sq.ft.
               Total inflow at boundaries =    -0.25327E-03g/sq.ft.
               Mass discrepancy =    -0.14461E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2366    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10010    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14803    g/sq.ft.
                    Diffusion in from water table =    -0.98843    g/sq.ft.
               Total inflow at boundaries =     -1.2366    g/sq.ft.
               Mass discrepancy =    -0.16829E-05g/sq.ft.


Polygon   6
At time =      97.00, total mass in vadose zone =    0.11432E-01g/sq.ft.
Mass in gas phase     =      0.49652E-03g/sq.ft.
Mass in liquid phase  =      0.69932E-03g/sq.ft.
Mass sorbed           =      0.10236E-01g/sq.ft.

Since last printout at time =      96.50
               Change in Total Mass =    -0.24790E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14451E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.92377E-04g/sq.ft.
                    Diffusion in from water table =    -0.14107E-03g/sq.ft.
               Total inflow at boundaries =    -0.24790E-03g/sq.ft.
               Mass discrepancy =    -0.14907E-08g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2368    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10012    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14812    g/sq.ft.
                    Diffusion in from water table =    -0.98857    g/sq.ft.
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               Total inflow at boundaries =     -1.2368    g/sq.ft.
               Mass discrepancy =    -0.17760E-05g/sq.ft.


Polygon   6
At time =      97.50, total mass in vadose zone =    0.11189E-01g/sq.ft.
Mass in gas phase     =      0.48598E-03g/sq.ft.
Mass in liquid phase  =      0.68447E-03g/sq.ft.
Mass sorbed           =      0.10019E-01g/sq.ft.

Since last printout at time =      97.00
               Change in Total Mass =    -0.24264E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.14145E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.90417E-04g/sq.ft.
                    Diffusion in from water table =    -0.13808E-03g/sq.ft.
               Total inflow at boundaries =    -0.24264E-03g/sq.ft.
               Mass discrepancy =     0.45111E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2371    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10013    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14821    g/sq.ft.
                    Diffusion in from water table =    -0.98871    g/sq.ft.
               Total inflow at boundaries =     -1.2371    g/sq.ft.
               Mass discrepancy =    -0.18654E-05g/sq.ft.


Polygon   6
At time =      98.00, total mass in vadose zone =    0.10952E-01g/sq.ft.
Mass in gas phase     =      0.47566E-03g/sq.ft.
Mass in liquid phase  =      0.66995E-03g/sq.ft.
Mass sorbed           =      0.98060E-02g/sq.ft.

Since last printout at time =      97.50
               Change in Total Mass =    -0.23749E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13844E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.88498E-04g/sq.ft.
                    Diffusion in from water table =    -0.13514E-03g/sq.ft.
               Total inflow at boundaries =    -0.23749E-03g/sq.ft.
               Mass discrepancy =    -0.43019E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2373    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10014    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14830    g/sq.ft.
                    Diffusion in from water table =    -0.98885    g/sq.ft.
               Total inflow at boundaries =     -1.2373    g/sq.ft.
               Mass discrepancy =    -0.18869E-05g/sq.ft.


Polygon   6
At time =      98.50, total mass in vadose zone =    0.10719E-01g/sq.ft.
Mass in gas phase     =      0.46557E-03g/sq.ft.
Mass in liquid phase  =      0.65573E-03g/sq.ft.
Mass sorbed           =      0.95979E-02g/sq.ft.

Since last printout at time =      98.00
               Change in Total Mass =    -0.23245E-03g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13550E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.86620E-04g/sq.ft.
                    Diffusion in from water table =    -0.13227E-03g/sq.ft.
               Total inflow at boundaries =    -0.23245E-03g/sq.ft.
               Mass discrepancy =    -0.95861E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2375    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10016    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14839    g/sq.ft.
                    Diffusion in from water table =    -0.98898    g/sq.ft.
               Total inflow at boundaries =     -1.2375    g/sq.ft.
               Mass discrepancy =    -0.18375E-05g/sq.ft.


Polygon   6
At time =      99.00, total mass in vadose zone =    0.10492E-01g/sq.ft.
Mass in gas phase     =      0.45569E-03g/sq.ft.
Mass in liquid phase  =      0.64181E-03g/sq.ft.
Mass sorbed           =      0.93942E-02g/sq.ft.

Since last printout at time =      98.50
               Change in Total Mass =    -0.22751E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.13263E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.84782E-04g/sq.ft.
                    Diffusion in from water table =    -0.12947E-03g/sq.ft.
               Total inflow at boundaries =    -0.22751E-03g/sq.ft.
               Mass discrepancy =     0.28467E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2378    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10017    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14847    g/sq.ft.
                    Diffusion in from water table =    -0.98911    g/sq.ft.
               Total inflow at boundaries =     -1.2378    g/sq.ft.
               Mass discrepancy =    -0.18524E-05g/sq.ft.


Polygon   6
At time =      99.50, total mass in vadose zone =    0.10269E-01g/sq.ft.
Mass in gas phase     =      0.44601E-03g/sq.ft.
Mass in liquid phase  =      0.62819E-03g/sq.ft.
Mass sorbed           =      0.91948E-02g/sq.ft.

Since last printout at time =      99.00
               Change in Total Mass =    -0.22268E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12981E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.82983E-04g/sq.ft.
                    Diffusion in from water table =    -0.12672E-03g/sq.ft.
               Total inflow at boundaries =    -0.22268E-03g/sq.ft.
               Mass discrepancy =    -0.81582E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2380    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10018    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14856    g/sq.ft.
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                    Diffusion in from water table =    -0.98924    g/sq.ft.
               Total inflow at boundaries =     -1.2380    g/sq.ft.
               Mass discrepancy =    -0.18450E-05g/sq.ft.


Polygon   6
At time =     100.00, total mass in vadose zone =    0.10051E-01g/sq.ft.
Mass in gas phase     =      0.43655E-03g/sq.ft.
Mass in liquid phase  =      0.61485E-03g/sq.ft.
Mass sorbed           =      0.89997E-02g/sq.ft.

Since last printout at time =      99.50
               Change in Total Mass =    -0.21796E-03g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.12706E-04g/sq.ft.
                    Diffusion in from atmosphere =     -0.81222E-04g/sq.ft.
                    Diffusion in from water table =    -0.12403E-03g/sq.ft.
               Total inflow at boundaries =    -0.21796E-03g/sq.ft.
               Mass discrepancy =    -0.88949E-09g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =     -1.2382    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =    -0.10020    g/sq.ft.
                    Diffusion in from atmosphere =     -0.14864    g/sq.ft.
                    Diffusion in from water table =    -0.98936    g/sq.ft.
               Total inflow at boundaries =     -1.2382    g/sq.ft.
               Mass discrepancy =    -0.18496E-05g/sq.ft.


GROUNDWATER IMPACT OF POLYGON   6

 Time        Mass flux (g/yr/sq.ft.)      Total Mass(g/yr)
      0.50         0.10097                    198.75
      1.00         0.10457                    205.82
      1.50         0.10392                    204.54
      2.00         0.10063                    198.06
      2.50         0.95795E-01                188.55
      3.00         0.90157E-01                177.45
      3.50         0.84201E-01                165.73
      4.00         0.78242E-01                154.00
      4.50         0.72474E-01                142.65
      5.00         0.67011E-01                131.90
      5.50         0.61914E-01                121.86
      6.00         0.57207E-01                112.60
      6.50         0.52889E-01                104.10
      7.00         0.48949E-01                96.345
      7.50         0.45364E-01                89.289
      8.00         0.42109E-01                82.882
      8.50         0.39156E-01                77.069
      9.00         0.36477E-01                71.797
      9.50         0.34047E-01                67.014
     10.00         0.31841E-01                62.672
     10.50         0.29835E-01                58.724
     11.00         0.28009E-01                55.130
     11.50         0.26345E-01                51.854
     12.00         0.24825E-01                48.862
     12.50         0.23434E-01                46.124
     13.00         0.22159E-01                43.615
     13.50         0.20988E-01                41.309
     14.00         0.19910E-01                39.188
     14.50         0.18916E-01                37.232
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15.00	0.17997E-01	35.424
15.50	0.17147E-01	33.751
16.00	0.16359E-01	32.199
16.50	0.15626E-01	30.757
17.00	0.14944E-01	29.414
17.50	0.14308E-01	28.162
18.00	0.13714E-01	26.993
18.50	0.13158E-01	25.898
19.00	0.12637E-01	24.872
19.50	0.12147E-01	23.909
20.00	0.11687E-01	23.003
20.50	0.11254E-01	22.151
21.00	0.10845E-01	21.347
21.50	0.10459E-01	20.587
22.00	0.10095E-01	19.869
22.50	0.97492E-02	19.189
23.00	0.94217E-02	18.545
23.50	0.91109E-02	17.933
24.00	0.88155E-02	17.351
24.50	0.85345E-02	16.798
25.00	0.82668E-02	16.271
25.50	0.80116E-02	15.769
26.00	0.77680E-02	15.290
26.50	0.75353E-02	14.832
27.00	0.73127E-02	14.393
27.50	0.70997E-02	13.974
28.00	0.68956E-02	13.573
28.50	0.66999E-02	13.187
29.00	0.65121E-02	12.818
29.50	0.63317E-02	12.463
30.00	0.61584E-02	12.121
30.50	0.59916E-02	11.793
31.00	0.58310E-02	11.477
31.50	0.56764E-02	11.173
32.00	0.55273E-02	10.879
32.50	0.53835E-02	10.596
33.00	0.52447E-02	10.323
33.50	0.51107E-02	10.059
34.00	0.49812E-02	9.8043
34.50	0.48559E-02	9.5579
35.00	0.47348E-02	9.3194
35.50	0.46176E-02	9.0886
36.00	0.45040E-02	8.8652
36.50	0.43940E-02	8.6487
37.00	0.42874E-02	8.4388
37.50	0.41840E-02	8.2353
38.00	0.40837E-02	8.0379
38.50	0.39864E-02	7.8464
39.00	0.38919E-02	7.6604
39.50	0.38001E-02	7.4797
40.00	0.37110E-02	7.3042
40.50	0.36243E-02	7.1337
41.00	0.35401E-02	6.9678
41.50	0.34581E-02	6.8065
42.00	0.33784E-02	6.6497
42.50	0.33008E-02	6.4970
43.00	0.32254E-02	6.3484
43.50	0.31518E-02	6.2037
44.00	0.30803E-02	6.0628
44.50	0.30105E-02	5.9256
45.00	0.29426E-02	5.7919
45.50	0.28764E-02	5.6616

46.00	0.28119E-02	5.5345
46.50	0.27490E-02	5.4107
47.00	0.26876E-02	5.2900
47.50	0.26278E-02	5.1722
48.00	0.25694E-02	5.0573
48.50	0.25125E-02	4.9453
49.00	0.24569E-02	4.8359
49.50	0.24027E-02	4.7292
50.00	0.23498E-02	4.6250
50.50	0.22981E-02	4.5233
51.00	0.22477E-02	4.4241
51.50	0.21984E-02	4.3271
52.00	0.21503E-02	4.2325
52.50	0.21034E-02	4.1400
53.00	0.20575E-02	4.0497
53.50	0.20127E-02	3.9615
54.00	0.19689E-02	3.8753
54.50	0.19261E-02	3.7911
55.00	0.18843E-02	3.7089
55.50	0.18435E-02	3.6285
56.00	0.18035E-02	3.5499
56.50	0.17645E-02	3.4731
57.00	0.17264E-02	3.3980
57.50	0.16891E-02	3.3247
58.00	0.16527E-02	3.2529
58.50	0.16170E-02	3.1828
59.00	0.15822E-02	3.1142
59.50	0.15482E-02	3.0472
60.00	0.15149E-02	2.9817
60.50	0.14823E-02	2.9176
61.00	0.14505E-02	2.8549
61.50	0.14193E-02	2.7936
62.00	0.13889E-02	2.7337
62.50	0.13591E-02	2.6751
63.00	0.13300E-02	2.6177
63.50	0.13015E-02	2.5617
64.00	0.12736E-02	2.5068
64.50	0.12463E-02	2.4532
65.00	0.12197E-02	2.4007
65.50	0.11936E-02	2.3493
66.00	0.11681E-02	2.2991
66.50	0.11431E-02	2.2500
67.00	0.11187E-02	2.2019
67.50	0.10948E-02	2.1549
68.00	0.10714E-02	2.1089
68.50	0.10486E-02	2.0639
69.00	0.10262E-02	2.0199
69.50	0.10043E-02	1.9768
70.00	0.98290E-03	1.9346
70.50	0.96194E-03	1.8934
71.00	0.94144E-03	1.8530
71.50	0.92138E-03	1.8135
72.00	0.90175E-03	1.7749
72.50	0.88254E-03	1.7371
73.00	0.86374E-03	1.7001
73.50	0.84535E-03	1.6639
74.00	0.82735E-03	1.6285
74.50	0.80974E-03	1.5938
75.00	0.79251E-03	1.5599
75.50	0.77564E-03	1.5267
76.00	0.75914E-03	1.4942
76.50	0.74299E-03	1.4624

77.00	0.72718E-03	1.4313
77.50	0.71171E-03	1.4008
78.00	0.69658E-03	1.3711
78.50	0.68176E-03	1.3419
79.00	0.66727E-03	1.3134
79.50	0.65308E-03	1.2854
80.00	0.63919E-03	1.2581
80.50	0.62561E-03	1.2314
81.00	0.61231E-03	1.2052
81.50	0.59929E-03	1.1796
82.00	0.58656E-03	1.1545
82.50	0.57409E-03	1.1300
83.00	0.56189E-03	1.1060
83.50	0.54995E-03	1.0825
84.00	0.53827E-03	1.0595
84.50	0.52683E-03	1.0370
85.00	0.51564E-03	1.0149
85.50	0.50468E-03	0.99336
86.00	0.49396E-03	0.97226
86.50	0.48347E-03	0.95161
87.00	0.47320E-03	0.93139
87.50	0.46315E-03	0.91161
88.00	0.45331E-03	0.89225
88.50	0.44369E-03	0.87330
89.00	0.43426E-03	0.85475
89.50	0.42504E-03	0.83660
90.00	0.41601E-03	0.81883
90.50	0.40718E-03	0.80144
91.00	0.39853E-03	0.78442
91.50	0.39007E-03	0.76776
92.00	0.38179E-03	0.75146
92.50	0.37368E-03	0.73551
93.00	0.36574E-03	0.71989
93.50	0.35798E-03	0.70460
94.00	0.35038E-03	0.68964
94.50	0.34294E-03	0.67500
95.00	0.33566E-03	0.66067
95.50	0.32853E-03	0.64664
96.00	0.32156E-03	0.63291
96.50	0.31473E-03	0.61948
97.00	0.30805E-03	0.60632
97.50	0.30151E-03	0.59345
98.00	0.29511E-03	0.58085
98.50	0.28884E-03	0.56852
99.00	0.28271E-03	0.55645
99.50	0.27671E-03	0.54464
100.00	0.27083E-03	0.53308

****

Polygon 7
At time = 0.00, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.

Polygon 7
At time = 0.50, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.

```
Since last printout at time =       0.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       1.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       0.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       1.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       1.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       2.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       1.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       2.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       2.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       3.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
```

```
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       2.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       3.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       3.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       4.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       3.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       4.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       4.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       5.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       4.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       5.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
```

```
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       5.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       6.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       5.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       6.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       6.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       7.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       6.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       7.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       7.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       8.00, total mass in vadose zone =     0.0000    g/sq.ft.
```

```
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       7.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       8.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       8.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       9.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       8.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =       9.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       9.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      10.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       9.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
```

```
At time =      10.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      10.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      11.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      10.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      11.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      11.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
```

```
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      12.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      11.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      12.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      12.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   7
At time =      13.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      12.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      13.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      13.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      14.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      13.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
```

```
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      14.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      14.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      15.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      14.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   7
At time =      15.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      15.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      16.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      15.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      16.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      16.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      17.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      16.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      17.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      17.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   7
At time =      18.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      17.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      18.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      18.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      19.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      18.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
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```
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      19.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      19.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      20.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      19.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
```

```
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      20.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      20.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      21.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      20.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      21.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      21.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      22.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      21.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      22.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      22.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
```

```
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      23.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      22.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      23.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      23.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      24.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      23.50
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      24.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      24.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      25.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      24.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      25.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      25.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      26.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      25.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      26.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      26.00
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      27.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      26.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      27.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      27.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
```

```
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      28.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      27.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      28.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      28.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      29.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
```

```
Since last printout at time =      28.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      29.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      29.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      30.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      29.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      30.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      30.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      31.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      30.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      31.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
```

```
Since last printout at time =      31.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      32.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      31.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      32.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      32.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      33.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      32.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      33.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      33.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      34.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
```

```
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      33.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      34.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      34.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      35.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      34.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      35.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      35.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      36.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      35.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      36.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
```

```
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      36.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      37.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      36.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      37.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      37.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      38.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      37.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      38.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      38.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      39.00, total mass in vadose zone =     0.0000    g/sq.ft.
```

```
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      38.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      39.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      39.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      40.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      39.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      40.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      40.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      41.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      40.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
```

```
At time =      41.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      41.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      42.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      41.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      42.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      42.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
```

```
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      43.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      42.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      43.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      43.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   7
At time =      44.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      43.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      44.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      44.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      45.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      44.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
```

```
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      45.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      45.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      46.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      45.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

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Polygon   7
At time =      46.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      46.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      47.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      46.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      47.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      47.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
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                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      48.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      47.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      48.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      48.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
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Polygon   7
At time =      49.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      48.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      49.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      49.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      50.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      49.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
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                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      50.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      50.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      51.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      50.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
```

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               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      51.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      51.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      52.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      51.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      52.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      52.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
```

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                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      53.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      52.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      53.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      53.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
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               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      54.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      53.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      54.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      54.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      55.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      54.50
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      55.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      55.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      56.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      55.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      56.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      56.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      57.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      56.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      57.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      57.00
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      58.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      57.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      58.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      58.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
```

```
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      59.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      58.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      59.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      59.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      60.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
```

```
Since last printout at time =      59.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      60.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      60.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      61.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      60.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      61.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      61.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      62.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      61.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      62.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
```

```
Since last printout at time =      62.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      63.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      62.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      63.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      63.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      64.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      63.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      64.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      64.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      65.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
```

```
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      64.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      65.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      65.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      66.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      65.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      66.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      66.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      67.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      66.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      67.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
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Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      67.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      68.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      67.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      68.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      68.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      69.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      68.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      69.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      69.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      70.00, total mass in vadose zone =     0.0000    g/sq.ft.
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```
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      69.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      70.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      70.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      71.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      70.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      71.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      71.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      72.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      71.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
```

```
At time =      72.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      72.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      73.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      72.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      73.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      73.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
```

```
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      74.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      73.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      74.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      74.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   7
At time =      75.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      74.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      75.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      75.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      76.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      75.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
```

```
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      76.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      76.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      77.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      76.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   7
At time =      77.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      77.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      78.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      77.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      78.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      78.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
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                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      79.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      78.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      79.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      79.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   7
At time =      80.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      79.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      80.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      80.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      81.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      80.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
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```
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      81.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      81.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      82.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      81.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
```

```
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      82.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      82.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      83.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      82.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      83.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      83.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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```
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      84.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      83.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      84.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      84.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
```

```
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      85.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      84.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      85.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      85.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      86.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      85.50
               Change in Total Mass =      0.0000    g/sq.ft.
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```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      86.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      86.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      87.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      86.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
```

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                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      87.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      87.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      88.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      87.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      88.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      88.00
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      89.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      88.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      89.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      89.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
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```
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      90.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      89.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      90.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      90.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      91.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
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```
Since last printout at time =      90.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      91.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      91.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      92.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      91.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      92.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      92.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      93.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      92.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      93.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
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```
Since last printout at time =      93.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      94.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      93.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      94.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      94.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      95.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      94.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      95.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      95.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      96.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
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```
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      95.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      96.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      96.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      97.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      96.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      97.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      97.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      98.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      97.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      98.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
```

```
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      98.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      99.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      98.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =      99.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      99.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   7
At time =     100.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      99.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


GROUNDWATER IMPACT OF POLYGON   7
```

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
0.50	0.0000	0.0000
1.00	0.0000	0.0000
1.50	0.0000	0.0000
2.00	0.0000	0.0000
2.50	0.0000	0.0000
3.00	0.0000	0.0000
3.50	0.0000	0.0000
4.00	0.0000	0.0000
4.50	0.0000	0.0000
5.00	0.0000	0.0000
5.50	0.0000	0.0000
6.00	0.0000	0.0000
6.50	0.0000	0.0000
7.00	0.0000	0.0000
7.50	0.0000	0.0000
8.00	0.0000	0.0000
8.50	0.0000	0.0000
9.00	0.0000	0.0000
9.50	0.0000	0.0000
10.00	0.0000	0.0000
10.50	0.0000	0.0000
11.00	0.0000	0.0000
11.50	0.0000	0.0000
12.00	0.0000	0.0000

12.50	0.0000	0.0000
13.00	0.0000	0.0000
13.50	0.0000	0.0000
14.00	0.0000	0.0000
14.50	0.0000	0.0000
15.00	0.0000	0.0000
15.50	0.0000	0.0000
16.00	0.0000	0.0000
16.50	0.0000	0.0000
17.00	0.0000	0.0000
17.50	0.0000	0.0000
18.00	0.0000	0.0000
18.50	0.0000	0.0000
19.00	0.0000	0.0000
19.50	0.0000	0.0000
20.00	0.0000	0.0000
20.50	0.0000	0.0000
21.00	0.0000	0.0000
21.50	0.0000	0.0000
22.00	0.0000	0.0000
22.50	0.0000	0.0000
23.00	0.0000	0.0000
23.50	0.0000	0.0000
24.00	0.0000	0.0000
24.50	0.0000	0.0000
25.00	0.0000	0.0000
25.50	0.0000	0.0000
26.00	0.0000	0.0000
26.50	0.0000	0.0000
27.00	0.0000	0.0000
27.50	0.0000	0.0000
28.00	0.0000	0.0000
28.50	0.0000	0.0000
29.00	0.0000	0.0000
29.50	0.0000	0.0000
30.00	0.0000	0.0000
30.50	0.0000	0.0000
31.00	0.0000	0.0000
31.50	0.0000	0.0000
32.00	0.0000	0.0000
32.50	0.0000	0.0000
33.00	0.0000	0.0000
33.50	0.0000	0.0000
34.00	0.0000	0.0000
34.50	0.0000	0.0000
35.00	0.0000	0.0000
35.50	0.0000	0.0000
36.00	0.0000	0.0000
36.50	0.0000	0.0000
37.00	0.0000	0.0000
37.50	0.0000	0.0000
38.00	0.0000	0.0000
38.50	0.0000	0.0000
39.00	0.0000	0.0000
39.50	0.0000	0.0000
40.00	0.0000	0.0000
40.50	0.0000	0.0000
41.00	0.0000	0.0000
41.50	0.0000	0.0000
42.00	0.0000	0.0000
42.50	0.0000	0.0000
43.00	0.0000	0.0000

43.50	0.0000	0.0000
44.00	0.0000	0.0000
44.50	0.0000	0.0000
45.00	0.0000	0.0000
45.50	0.0000	0.0000
46.00	0.0000	0.0000
46.50	0.0000	0.0000
47.00	0.0000	0.0000
47.50	0.0000	0.0000
48.00	0.0000	0.0000
48.50	0.0000	0.0000
49.00	0.0000	0.0000
49.50	0.0000	0.0000
50.00	0.0000	0.0000
50.50	0.0000	0.0000
51.00	0.0000	0.0000
51.50	0.0000	0.0000
52.00	0.0000	0.0000
52.50	0.0000	0.0000
53.00	0.0000	0.0000
53.50	0.0000	0.0000
54.00	0.0000	0.0000
54.50	0.0000	0.0000
55.00	0.0000	0.0000
55.50	0.0000	0.0000
56.00	0.0000	0.0000
56.50	0.0000	0.0000
57.00	0.0000	0.0000
57.50	0.0000	0.0000
58.00	0.0000	0.0000
58.50	0.0000	0.0000
59.00	0.0000	0.0000
59.50	0.0000	0.0000
60.00	0.0000	0.0000
60.50	0.0000	0.0000
61.00	0.0000	0.0000
61.50	0.0000	0.0000
62.00	0.0000	0.0000
62.50	0.0000	0.0000
63.00	0.0000	0.0000
63.50	0.0000	0.0000
64.00	0.0000	0.0000
64.50	0.0000	0.0000
65.00	0.0000	0.0000
65.50	0.0000	0.0000
66.00	0.0000	0.0000
66.50	0.0000	0.0000
67.00	0.0000	0.0000
67.50	0.0000	0.0000
68.00	0.0000	0.0000
68.50	0.0000	0.0000
69.00	0.0000	0.0000
69.50	0.0000	0.0000
70.00	0.0000	0.0000
70.50	0.0000	0.0000
71.00	0.0000	0.0000
71.50	0.0000	0.0000
72.00	0.0000	0.0000
72.50	0.0000	0.0000
73.00	0.0000	0.0000
73.50	0.0000	0.0000
74.00	0.0000	0.0000

74.50	0.0000	0.0000
75.00	0.0000	0.0000
75.50	0.0000	0.0000
76.00	0.0000	0.0000
76.50	0.0000	0.0000
77.00	0.0000	0.0000
77.50	0.0000	0.0000
78.00	0.0000	0.0000
78.50	0.0000	0.0000
79.00	0.0000	0.0000
79.50	0.0000	0.0000
80.00	0.0000	0.0000
80.50	0.0000	0.0000
81.00	0.0000	0.0000
81.50	0.0000	0.0000
82.00	0.0000	0.0000
82.50	0.0000	0.0000
83.00	0.0000	0.0000
83.50	0.0000	0.0000
84.00	0.0000	0.0000
84.50	0.0000	0.0000
85.00	0.0000	0.0000
85.50	0.0000	0.0000
86.00	0.0000	0.0000
86.50	0.0000	0.0000
87.00	0.0000	0.0000
87.50	0.0000	0.0000
88.00	0.0000	0.0000
88.50	0.0000	0.0000
89.00	0.0000	0.0000
89.50	0.0000	0.0000
90.00	0.0000	0.0000
90.50	0.0000	0.0000
91.00	0.0000	0.0000
91.50	0.0000	0.0000
92.00	0.0000	0.0000
92.50	0.0000	0.0000
93.00	0.0000	0.0000
93.50	0.0000	0.0000
94.00	0.0000	0.0000
94.50	0.0000	0.0000
95.00	0.0000	0.0000
95.50	0.0000	0.0000
96.00	0.0000	0.0000
96.50	0.0000	0.0000
97.00	0.0000	0.0000
97.50	0.0000	0.0000
98.00	0.0000	0.0000
98.50	0.0000	0.0000
99.00	0.0000	0.0000
99.50	0.0000	0.0000
100.00	0.0000	0.0000

****

Polygon 8
At time = 0.00, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.

```
Polygon   8
At time =       0.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       0.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       1.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       0.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       1.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       1.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
```

```
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       2.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       1.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       2.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       2.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   8
At time =       3.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       2.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       3.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       3.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       4.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       3.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
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                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       4.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       4.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       5.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       4.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   8
At time =       5.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       5.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       6.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       5.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       6.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       6.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
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                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       7.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       6.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       7.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       7.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
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               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       8.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       7.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       8.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       8.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       9.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       8.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =       9.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       9.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      10.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =       9.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
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               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      10.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      10.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      11.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      10.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      11.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      11.00
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      12.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      11.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      12.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      12.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
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                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      13.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      12.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      13.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      13.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      14.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      13.50
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      14.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      14.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      15.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      14.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
```

```
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      15.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      15.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      16.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      15.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      16.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
```

```
Since last printout at time =      16.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      17.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      16.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      17.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      17.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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```
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      18.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      17.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      18.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      18.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      19.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
```

```
Since last printout at time =      18.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      19.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      19.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      20.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      19.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      20.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      20.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      21.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      20.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      21.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
```

```
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      21.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      22.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      21.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      22.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      22.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      23.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      22.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      23.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      23.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      24.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
```

```
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      23.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      24.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      24.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      25.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      24.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      25.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      25.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      26.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      25.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      26.50, total mass in vadose zone =     0.0000    g/sq.ft.
```

```
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      26.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      27.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      26.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      27.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      27.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      28.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      27.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      28.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      28.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
```

```
At time =      29.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      28.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      29.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      29.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      30.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      29.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
```

```
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      30.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      30.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      31.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      30.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   8
At time =      31.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      31.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      32.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      31.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      32.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      32.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
```

```
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      33.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      32.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      33.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      33.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   8
At time =      34.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      33.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      34.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      34.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      35.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      34.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
```

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                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      35.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      35.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      36.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      35.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   8
At time =      36.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      36.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      37.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      36.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      37.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      37.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
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```
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      38.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      37.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      38.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      38.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
```

```
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      39.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      38.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      39.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      39.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      40.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      39.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      40.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      40.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      41.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      40.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
```

```
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      41.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      41.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      42.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      41.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      42.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      42.00
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      43.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      42.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      43.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      43.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
```

```
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      44.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      43.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      44.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      44.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      45.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      44.50
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      45.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      45.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      46.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      45.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
```

```
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      46.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      46.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      47.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      46.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      47.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
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```
Since last printout at time =      47.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      48.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      47.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      48.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      48.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      49.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      48.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      49.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      49.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      50.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
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```
Since last printout at time =      49.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      50.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      50.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      51.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      50.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      51.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      51.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      52.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      51.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      52.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
```

```
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      52.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      53.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      52.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      53.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      53.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
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```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      54.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      53.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      54.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      54.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      55.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
```

```
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      54.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      55.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      55.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      56.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      55.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      56.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      56.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      57.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      56.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      57.50, total mass in vadose zone =     0.0000    g/sq.ft.
```

```
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      57.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      58.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      57.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      58.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      58.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      59.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      58.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      59.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      59.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
```

```
At time =      60.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      59.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      60.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      60.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      61.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      60.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
```

```
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      61.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      61.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      62.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      61.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   8
At time =      62.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      62.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      63.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      62.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      63.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      63.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
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               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      64.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      63.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      64.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      64.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   8
At time =      65.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      64.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      65.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      65.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      66.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      65.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
```

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                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      66.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      66.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      67.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      66.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

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Polygon   8
At time =      67.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      67.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      68.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      67.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      68.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      68.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
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```
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      69.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      68.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      69.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      69.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
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               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      70.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      69.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      70.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      70.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      71.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      70.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      71.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      71.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      72.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      71.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
```

```
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      72.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      72.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      73.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      72.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      73.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      73.00
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      74.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      73.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      74.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      74.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
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                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      75.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      74.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      75.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      75.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      76.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      75.50
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      76.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      76.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      77.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      76.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
```

```
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      77.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      77.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      78.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      77.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      78.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
```

```
Since last printout at time =      78.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      79.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      78.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      79.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      79.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
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```
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      80.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      79.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      80.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      80.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      81.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.
```

```
Since last printout at time =      80.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      81.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      81.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      82.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      81.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
```

```
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      82.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      82.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      83.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      82.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      83.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
```

```
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      83.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      84.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      83.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      84.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      84.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
```

```
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      85.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      84.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      85.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      85.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      86.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
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Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      85.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      86.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      86.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      87.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      86.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      87.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      87.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      88.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      87.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      88.50, total mass in vadose zone =     0.0000    g/sq.ft.
```

```
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      88.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      89.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      88.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      89.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      89.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      90.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      89.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      90.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      90.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
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```
At time =      91.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      90.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      91.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      91.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      92.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      91.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
```

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               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      92.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      92.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      93.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      92.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
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Polygon   8
At time =      93.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      93.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      94.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      93.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      94.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      94.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
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               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      95.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      94.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      95.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      95.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
```

```
Polygon   8
At time =      96.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      95.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      96.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      96.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      97.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      96.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
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                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      97.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      97.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      98.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      97.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.
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Polygon   8
At time =      98.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      98.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      99.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      98.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =      99.50, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      99.00
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
```

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                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   8
At time =     100.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =       0.0000    g/sq.ft.
Mass in liquid phase  =       0.0000    g/sq.ft.
Mass sorbed           =       0.0000    g/sq.ft.

Since last printout at time =      99.50
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      0.0000    g/sq.ft.
                    Advection in from atmosphere =       0.0000    g/sq.ft.
                    Advection in from water table =      0.0000    g/sq.ft.
                    Diffusion in from atmosphere =       0.0000    g/sq.ft.
                    Diffusion in from water table =      0.0000    g/sq.ft.
               Total inflow at boundaries =      0.0000    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


GROUNDWATER IMPACT OF POLYGON   8

 Time        Mass flux (g/yr/sq.ft.)      Total Mass(g/yr)
      0.50          0.0000                    0.0000
      1.00          0.0000                    0.0000
      1.50          0.0000                    0.0000
      2.00          0.0000                    0.0000
      2.50          0.0000                    0.0000
      3.00          0.0000                    0.0000
      3.50          0.0000                    0.0000
      4.00          0.0000                    0.0000
      4.50          0.0000                    0.0000
      5.00          0.0000                    0.0000
      5.50          0.0000                    0.0000
      6.00          0.0000                    0.0000
      6.50          0.0000                    0.0000
      7.00          0.0000                    0.0000
      7.50          0.0000                    0.0000
      8.00          0.0000                    0.0000
      8.50          0.0000                    0.0000
      9.00          0.0000                    0.0000
      9.50          0.0000                    0.0000
```

10.00	0.0000	0.0000
10.50	0.0000	0.0000
11.00	0.0000	0.0000
11.50	0.0000	0.0000
12.00	0.0000	0.0000
12.50	0.0000	0.0000
13.00	0.0000	0.0000
13.50	0.0000	0.0000
14.00	0.0000	0.0000
14.50	0.0000	0.0000
15.00	0.0000	0.0000
15.50	0.0000	0.0000
16.00	0.0000	0.0000
16.50	0.0000	0.0000
17.00	0.0000	0.0000
17.50	0.0000	0.0000
18.00	0.0000	0.0000
18.50	0.0000	0.0000
19.00	0.0000	0.0000
19.50	0.0000	0.0000
20.00	0.0000	0.0000
20.50	0.0000	0.0000
21.00	0.0000	0.0000
21.50	0.0000	0.0000
22.00	0.0000	0.0000
22.50	0.0000	0.0000
23.00	0.0000	0.0000
23.50	0.0000	0.0000
24.00	0.0000	0.0000
24.50	0.0000	0.0000
25.00	0.0000	0.0000
25.50	0.0000	0.0000
26.00	0.0000	0.0000
26.50	0.0000	0.0000
27.00	0.0000	0.0000
27.50	0.0000	0.0000
28.00	0.0000	0.0000
28.50	0.0000	0.0000
29.00	0.0000	0.0000
29.50	0.0000	0.0000
30.00	0.0000	0.0000
30.50	0.0000	0.0000
31.00	0.0000	0.0000
31.50	0.0000	0.0000
32.00	0.0000	0.0000
32.50	0.0000	0.0000
33.00	0.0000	0.0000
33.50	0.0000	0.0000
34.00	0.0000	0.0000
34.50	0.0000	0.0000
35.00	0.0000	0.0000
35.50	0.0000	0.0000
36.00	0.0000	0.0000
36.50	0.0000	0.0000
37.00	0.0000	0.0000
37.50	0.0000	0.0000
38.00	0.0000	0.0000
38.50	0.0000	0.0000
39.00	0.0000	0.0000
39.50	0.0000	0.0000
40.00	0.0000	0.0000
40.50	0.0000	0.0000

41.00	0.0000	0.0000
41.50	0.0000	0.0000
42.00	0.0000	0.0000
42.50	0.0000	0.0000
43.00	0.0000	0.0000
43.50	0.0000	0.0000
44.00	0.0000	0.0000
44.50	0.0000	0.0000
45.00	0.0000	0.0000
45.50	0.0000	0.0000
46.00	0.0000	0.0000
46.50	0.0000	0.0000
47.00	0.0000	0.0000
47.50	0.0000	0.0000
48.00	0.0000	0.0000
48.50	0.0000	0.0000
49.00	0.0000	0.0000
49.50	0.0000	0.0000
50.00	0.0000	0.0000
50.50	0.0000	0.0000
51.00	0.0000	0.0000
51.50	0.0000	0.0000
52.00	0.0000	0.0000
52.50	0.0000	0.0000
53.00	0.0000	0.0000
53.50	0.0000	0.0000
54.00	0.0000	0.0000
54.50	0.0000	0.0000
55.00	0.0000	0.0000
55.50	0.0000	0.0000
56.00	0.0000	0.0000
56.50	0.0000	0.0000
57.00	0.0000	0.0000
57.50	0.0000	0.0000
58.00	0.0000	0.0000
58.50	0.0000	0.0000
59.00	0.0000	0.0000
59.50	0.0000	0.0000
60.00	0.0000	0.0000
60.50	0.0000	0.0000
61.00	0.0000	0.0000
61.50	0.0000	0.0000
62.00	0.0000	0.0000
62.50	0.0000	0.0000
63.00	0.0000	0.0000
63.50	0.0000	0.0000
64.00	0.0000	0.0000
64.50	0.0000	0.0000
65.00	0.0000	0.0000
65.50	0.0000	0.0000
66.00	0.0000	0.0000
66.50	0.0000	0.0000
67.00	0.0000	0.0000
67.50	0.0000	0.0000
68.00	0.0000	0.0000
68.50	0.0000	0.0000
69.00	0.0000	0.0000
69.50	0.0000	0.0000
70.00	0.0000	0.0000
70.50	0.0000	0.0000
71.00	0.0000	0.0000
71.50	0.0000	0.0000

72.00	0.0000	0.0000
72.50	0.0000	0.0000
73.00	0.0000	0.0000
73.50	0.0000	0.0000
74.00	0.0000	0.0000
74.50	0.0000	0.0000
75.00	0.0000	0.0000
75.50	0.0000	0.0000
76.00	0.0000	0.0000
76.50	0.0000	0.0000
77.00	0.0000	0.0000
77.50	0.0000	0.0000
78.00	0.0000	0.0000
78.50	0.0000	0.0000
79.00	0.0000	0.0000
79.50	0.0000	0.0000
80.00	0.0000	0.0000
80.50	0.0000	0.0000
81.00	0.0000	0.0000
81.50	0.0000	0.0000
82.00	0.0000	0.0000
82.50	0.0000	0.0000
83.00	0.0000	0.0000
83.50	0.0000	0.0000
84.00	0.0000	0.0000
84.50	0.0000	0.0000
85.00	0.0000	0.0000
85.50	0.0000	0.0000
86.00	0.0000	0.0000
86.50	0.0000	0.0000
87.00	0.0000	0.0000
87.50	0.0000	0.0000
88.00	0.0000	0.0000
88.50	0.0000	0.0000
89.00	0.0000	0.0000
89.50	0.0000	0.0000
90.00	0.0000	0.0000
90.50	0.0000	0.0000
91.00	0.0000	0.0000
91.50	0.0000	0.0000
92.00	0.0000	0.0000
92.50	0.0000	0.0000
93.00	0.0000	0.0000
93.50	0.0000	0.0000
94.00	0.0000	0.0000
94.50	0.0000	0.0000
95.00	0.0000	0.0000
95.50	0.0000	0.0000
96.00	0.0000	0.0000
96.50	0.0000	0.0000
97.00	0.0000	0.0000
97.50	0.0000	0.0000
98.00	0.0000	0.0000
98.50	0.0000	0.0000
99.00	0.0000	0.0000
99.50	0.0000	0.0000
100.00	0.0000	0.0000

****

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
0.50	708.09	341.12
1.00	731.60	703.07
1.50	726.83	1068.5
2.00	704.38	1426.3
2.50	671.54	1769.7
3.00	633.23	2095.1
3.50	592.68	2400.6
4.00	552.03	2685.8
4.50	512.60	2950.9
5.00	475.16	3196.8
5.50	440.13	3424.6
6.00	407.69	3635.7
6.50	377.86	3831.2
7.00	350.56	4012.5
7.50	325.65	4180.8
8.00	302.97	4337.3
8.50	282.34	4483.1
9.00	263.59	4619.0
9.50	246.52	4746.1
10.00	230.99	4865.0
10.50	216.84	4976.5
11.00	203.93	5081.4
11.50	192.12	5180.0
12.00	181.32	5273.1
12.50	171.42	5361.0
13.00	162.32	5444.2
13.50	153.95	5523.0
14.00	146.22	5597.8
14.50	139.09	5668.9
15.00	132.49	5736.6
15.50	126.36	5801.2
16.00	120.68	5862.8
16.50	115.38	5921.7
17.00	110.45	5978.0
17.50	105.84	6031.9
18.00	101.52	6083.6
18.50	97.483	6133.3
19.00	93.690	6181.0
19.50	90.125	6226.8
20.00	86.769	6271.0
20.50	83.605	6313.5
21.00	80.618	6354.4
21.50	77.795	6394.0
22.00	75.122	6432.1
22.50	72.589	6469.0
23.00	70.185	6504.6
23.50	67.901	6539.1
24.00	65.728	6572.4
24.50	63.660	6604.7
25.00	61.688	6636.0
25.50	59.807	6666.3
26.00	58.009	6695.7
26.50	56.291	6724.2
27.00	54.646	6751.9
27.50	53.071	6778.8
28.00	51.561	6804.9
28.50	50.112	6830.3
29.00	48.721	6855.0
29.50	47.383	6879.0
30.00	46.097	6902.3
30.50	44.859	6925.0

31.00	43.667	6947.1
31.50	42.518	6968.6
32.00	41.410	6989.6
32.50	40.340	7010.0
33.00	39.307	7029.9
33.50	38.310	7049.3
34.00	37.345	7068.2
34.50	36.412	7086.6
35.00	35.509	7104.5
35.50	34.634	7122.0
36.00	33.787	7139.1
36.50	32.966	7155.8
37.00	32.171	7172.1
37.50	31.398	7187.9
38.00	30.649	7203.4
38.50	29.922	7218.5
39.00	29.216	7233.3
39.50	28.529	7247.7
40.00	27.863	7261.8
40.50	27.214	7275.6
41.00	26.584	7289.0
41.50	25.971	7302.1
42.00	25.374	7314.9
42.50	24.793	7327.5
43.00	24.228	7339.7
43.50	23.677	7351.7
44.00	23.141	7363.4
44.50	22.618	7374.8
45.00	22.109	7385.9
45.50	21.613	7396.9
46.00	21.129	7407.5
46.50	20.657	7418.0
47.00	20.197	7428.2
47.50	19.748	7438.1
48.00	19.310	7447.9
48.50	18.883	7457.4
49.00	18.466	7466.8
49.50	18.059	7475.9
50.00	17.662	7484.8
50.50	17.275	7493.5
51.00	16.896	7502.1
51.50	16.526	7510.4
52.00	16.165	7518.6
52.50	15.812	7526.6
53.00	15.468	7534.4
53.50	15.131	7542.0
54.00	14.802	7549.5
54.50	14.481	7556.8
55.00	14.167	7564.0
55.50	13.860	7571.0
56.00	13.560	7577.8
56.50	13.267	7584.5
57.00	12.981	7591.1
57.50	12.701	7597.5
58.00	12.427	7603.7
58.50	12.159	7609.9
59.00	11.897	7615.9
59.50	11.641	7621.8
60.00	11.391	7627.5
60.50	11.146	7633.1
61.00	10.907	7638.7
61.50	10.673	7644.0

62.00	10.444	7649.3
62.50	10.220	7654.5
63.00	10.001	7659.5
63.50	9.7872	7664.5
64.00	9.5777	7669.3
64.50	9.3728	7674.0
65.00	9.1724	7678.7
65.50	8.9763	7683.2
66.00	8.7844	7687.6
66.50	8.5968	7692.0
67.00	8.4132	7696.2
67.50	8.2336	7700.4
68.00	8.0578	7704.4
68.50	7.8859	7708.4
69.00	7.7177	7712.3
69.50	7.5531	7716.1
70.00	7.3921	7719.9
70.50	7.2345	7723.5
71.00	7.0803	7727.1
71.50	6.9295	7730.6
72.00	6.7819	7734.0
72.50	6.6374	7737.4
73.00	6.4961	7740.7
73.50	6.3578	7743.9
74.00	6.2224	7747.0
74.50	6.0900	7750.1
75.00	5.9604	7753.1
75.50	5.8335	7756.0
76.00	5.7094	7758.9
76.50	5.5880	7761.7
77.00	5.4691	7764.5
77.50	5.3528	7767.2
78.00	5.2390	7769.8
78.50	5.1276	7772.4
79.00	5.0185	7775.0
79.50	4.9118	7777.4
80.00	4.8074	7779.9
80.50	4.7052	7782.2
81.00	4.6052	7784.6
81.50	4.5073	7786.8
82.00	4.4116	7789.1
82.50	4.3178	7791.3
83.00	4.2261	7793.4
83.50	4.1363	7795.5
84.00	4.0484	7797.5
84.50	3.9624	7799.5
85.00	3.8782	7801.5
85.50	3.7958	7803.4
86.00	3.7152	7805.3
86.50	3.6363	7807.1
87.00	3.5590	7808.9
87.50	3.4834	7810.7
88.00	3.4094	7812.4
88.50	3.3370	7814.1
89.00	3.2662	7815.7
89.50	3.1968	7817.3
90.00	3.1289	7818.9
90.50	3.0625	7820.5
91.00	2.9974	7822.0
91.50	2.9338	7823.5
92.00	2.8715	7824.9
92.50	2.8105	7826.3

93.00	2.7508	7827.7
93.50	2.6924	7829.1
94.00	2.6353	7830.4
94.50	2.5793	7831.7
95.00	2.5246	7833.0
95.50	2.4710	7834.2
96.00	2.4185	7835.4
96.50	2.3672	7836.6
97.00	2.3169	7837.8
97.50	2.2677	7839.0
98.00	2.2196	7840.1
98.50	2.1724	7841.2
99.00	2.1263	7842.2
99.50	2.0812	7843.3
100.00	2.0370	7844.3

ARCADIS

Appendix C

Site Health and Safety Plan

Health and Safety Plan
Interim Measure Source Reduction Activities
Former NASA Industrial Plant
Downey, California

ARCADIS

PREPARED FOR

International Risk Assumption
Downey, LLC
7991 Shaffer Parkway, #100
Littleton, CO 80127

ARCADIS

Kevin Thomas
Health and Safety Officer

Olivia Edwards
Task Manager

Jeffrey Friedman, R.G. No. 5677
Project Manager

Health and Safety Plan

Former NASA Industrial Plant
Downey, California

Prepared for:
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CA000623.0004.0002

Date:
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1. Introduction

The project site (Figure 1) is currently being developed by Downey Landing, LLC (Retail Development), Industrial Realty Group (Movie Studio Development), and Kaiser (Hospital Development). Under an Environmental Responsibility Assumption Agreement entered into between the City of Downey and International Risk Assumption Downey, LLC (IRAD), IRAD has assumed the responsibility for conducting the required remediation of soil and groundwater impacted by historical operations at the former National Aeronautics and Space Administration (NASA) property. ARCADIS is under contract to IRAD to conduct the remediation and on-going groundwater monitoring activities. This Health and Safety Plan (HASP) has been developed to address the potential hazards that our workers may face while performing the various tasks to complete the planned remediation activities. The HASP establishes procedures to minimize workers' exposures through the use of personal protective equipment (PPE) and safe work practices. This HASP has been developed to meet the requirements of the Occupational Safety and Health Administration (OSHA) regulation, Title 29, Code of Federal Regulations, Part 1910.120 (20 CFR 1910.120), "Hazardous Waste Operations and Emergency Response." The HASP is intended for the protection of our workers, however, subcontractors, clients, visitors, or any other individuals are welcome to review and follow the procedures it contains.

2. Responsibilities

The on-site geologist/engineer/technician overseeing field work will be designated as the Site Safety Officer (SSO). The SSO will be an employee of ARCADIS. The SSO will be responsible for implementing the procedures and safe work practices established in this HASP. In the event that the SSO must leave the site while the work is in progress, an alternate SSO will be designated to ensure that the HASP will continue to be to be followed. The alternate SSO must also be an employee of ARCADIS.

The SSO will report all health and safety matters to the Project Manager, Mr. Jeffrey Friedman, who has responsibility for overseeing the planned activities and liaisons/coordinators with IRAD. Mr. Kevin Thomas, Health and Safety Officer for ARCADIS in Fullerton, will assist as needed. In the event that Mr. Friedman is not available, Mr. Thomas will provide direction regarding health and safety issues associated with this project.

3. Site Description

This HASP will be used to address health and safety concerns associated with the remedy system installation, application, and monitoring, construction oversight activities during development, operation and maintenance of treatment systems, long term compliance groundwater monitoring, and drilling operations associated with soil and groundwater assessment activities. The site is divided into six parcels collectively covering an area of approximately 155 acres with a common address of 12214 Lakewood Boulevard situated in the City of Downey, California. The site is bounded on the north by Stewart Gray Road, on the west by Lakewood Boulevard, on the east by Bellflower Boulevard, and on the south by Imperial Highway (see Figure 1). A site map showing the layout of the project site is included as Figure 2. A general description of the past use of the six parcels is provided below.

- **Parcel I**: This parcel covers an area of approximately 55.6 acres, 40 percent of which is paved asphalt or concrete and minor planter/grass units associated with landscaping. The remainder of the parcel contains structures identified as canopies and buildings.
- **Parcel II**: This parcel covers an area of approximately 43.2 acres, 60 percent of which is paved asphalt or concrete and minor planter/grass units associated with landscaping. The remainder of the parcel contains structures identified as canopies and buildings.
- **Parcel III**: This parcel covers an area of approximately 9.9 acres, 75 percent of which is paved asphalt once used for employee parking. The remaining 25 percent is surrounded by a chain link fence, which encompasses an area once referred to as the "Conservation Yard".
- **Parcel IV**: This parcel covers an area of approximately 13 acres, the majority of which is paved with asphalt.
- **Parcel V**: This parcel covers an area of approximately 17.4 acres, 60 percent of which is paved with asphalt and concrete with some building structures. The remaining area is an undeveloped area covered by ground cover once associated with the historical aircraft landing strips.
- **Parcel VI**: This parcel covers an area of approximately 15.7 acres, 75 percent of which is paved asphalt once used for employee parking. The remaining area was used for truck-trailer parking.

4. Planned Field Activities

The following is a brief description of the planned field activities for the on-site and off-site work:

- Groundwater monitoring well installation;
- IRZ amendment system installation;
- IRZ amendment system operation and maintenance;
- Periodic groundwater sampling;
- Potential assessment and implementation of corrective actions associated with the identification of newly discovered conditions during redevelopment activities;
- VES operation and maintenance of remediation systems; and
- Drilling and sampling of soil and groundwater associated with potential assessment activities.

5. Hazard Evaluation

The potential physical, chemical, and biological hazards associated with the planned field activities for this site have been evaluated using existing site information. The hazard evaluation included such considerations as tasks to be performed, site history, and past sampling results. The hazards anticipated during typical IRZ technology operations are found in the following subsections.

5.1 Physical Hazards

The physical hazards associated with the planned field activities include the following potentialities: being struck by equipment and debris, being splashed with contaminated material, slips and falls due to wet or uneven surfaces, noise exposure during the installation of amendment points and advancement of soil borings, noise and traffic exposures during excavation and demolition activities on site, and working around operating mechanical systems. Field personnel should be equipped with ear plugs or appropriate ear muffs. Keeping the work area clear of equipment and debris will reduce the potential for injury due to slip, trip or fall.

5.1.1 Environmental Stresses

From personnel workload and the weather conditions, there is a moderate to high risk of weather related stress depending on the season. This includes heat stress/exhaustion, sunstroke, and adverse weather conditions. Weather conditions change day to day and will be discussed during the daily "tail-gate" health and safety meetings. Conditions that affect site conditions can include high winds, heavy rain, flooding, lightning, dense fog, and sun. During the amendment point installation, amendment addition activities, construction and O&M activities, the SSO will determine the daily monitoring requirements and/or whether work will proceed based on the weather conditions. ARCADIS will be responsible for these activities.

The potential for heat stress will be a significant hazard especially during the warm weather months if levels of health and safety protection are upgraded from level D to Level C or B. Symptoms of heat stress shall be monitored for all levels of health and safety protection at temperatures above 70 degrees Fahrenheit. Heat stress involves three general categories: heat cramps, heat exhaustion, and heat stroke.

- Heat cramps usually occur first and generally include cramps in the abdomen and legs.
- Heat exhaustion is more serious exhibiting symptoms such as: cool, moist, pale, or flushed skin, headache, nausea, dizziness, weakness, and exhaustion.
- Heat stroke is the most serious form of heat stress, and workers suffering from this condition should get immediate medical attention. The signals of heat stoke include red-hot dry skin, changes in consciousness, rapid weak pulse, and rapid shallow breathing.

Heat stress is caused by a number of interacting factors, including environmental conditions, personal protective equipment, workload, and the individual characteristics of the worker. Each individual has different susceptibilities to heat stress due to many factors. These factors may include age, physical fitness, degree of acclimatization, and the specific task being performed. Symptoms of heat stress are divided into five general categories as follows:

- Behavioral Disorders: A worker suffering from heat-induced fatigue demonstrates symptoms such as the inability to concentrate, impaired performance, and loss of coordination.

- Skin Eruptions: Skin eruptions include profuse, tiny, raised red vesicles (blister-like) on affected areas, prickling sensation during heat exposure, and prickly heat. During heat stress, extensive areas of the skin that do not sweat upon heat exposure, will present a goose-flesh appearance that subsides with cool environments.
- Heat Exhaustion: Heat exhaustion is a condition that results from extensive water and/or salt depletion. Symptoms include fatigue, nausea, headaches, giddiness, clammy skin, pale complexion, and fainting. Heat cramps, which are painful muscle spasms (arms, legs, or abdominal), are also a symptom of heat exhaustion and can occur during or after work hours.
- Heat Syncope: Symptoms associated with this stage of heat stress include fainting and becoming unable to move.
- Heat Stroke: Symptoms usually associated with heat stroke are hot, dry skin, which is usually red, mottled, or blue. Additional symptoms include confusion, loss of consciousness, and convulsions. Individual has stopped sweating and may be experiencing chills.

To minimize worker's exposures to heat stress, it is important for field personnel to recognize the early signs and symptoms of heat stress so that preventive measures can be taken. Preventive measures include work schedule adjustment, rotating personnel, and selection of personal protective equipment.

- Adjustment of Work Schedules: In environments of extreme heat and humidity, work schedules should be modified. Heavy work should be conducted during the cooler hours of the early morning or early evening when the ambient temperature is usually lower. During the hotter hours, usually associated with mid-day, light work tasks should be performed whenever possible. Subcontractors should be informed of the potential for adjusted work schedules.
- Rotation of Personnel: By alternating job functions, a single worker may not be overstressed or overexerted as a result of performing heavy tasks throughout the day.
- Increase in Rest Periods: In extreme environmental conditions, the number of rest periods should be increased. Shaded areas or air-conditioned facilities (trailer, cars, and buildings) should also be provided for these rest periods so that workers can adequately recover.

Body fluids should also be maintained at normal levels. A good guideline to follow is that fluid intake should equal every ounce of bodily fluid lost in sweat. Water is recommended as the fluid of choice. (No salt should be administered.) Field showers or hose-down areas should be provided to reduce body temperature in the event of a heat related injury.

Early detection and safe work habits are the best measures for preventing heat stress hazards. Site workers exhibiting any of the signs of heat stress above should take preventive measures including getting out of the heat, loosen any tight clothing, applying cool wet cloths, and for conscious victims, consumption of approximately 4 ounces of water every 15 minutes. If the victim refuses water, vomits, or starts to lose consciousness, immediate medical attention should be sought. It is extremely important to drink plenty of fluids during hot weather, even when not thirsty, and to take rest breaks in order for the body to cool down.

Solar radiation is another hazard, and protection against sunburn and the long-term risks of skin cancer are necessary. Site workers should use sunscreen or cover the exposed parts of their bodies to protect against harmful ultraviolet rays. It should be remembered that covering the body as protection against ultraviolet rays might increase the likelihood of heat stress hazards. Keeping alert of warning signs and taking prompt preventive measures is critical to preventing hazards associated with the sun and heat.

5.1.2 Mechanical Hazards

During activities involving heavy equipment (e.g., drill rigs, construction equipment, or other mechanical equipment used during automated reagent injection system construction, site construction and operation and maintenance activities), care should be taken to avoid the potential for being struck by/against equipment and debris, being splashed with potentially contaminated fluids, and being cut or "pinched" by the moving parts of the equipment. Caution shall be exercised when operating heavy equipment on slippery or uneven surfaces. Hard hats, steel-toed boots, and safety glasses shall be worn at all times by all personnel who are working in close proximity to heavy equipment. Additionally, work gloves should be worn when lifting or moving equipment. Heavy equipment operators must have the required certification or evidence of training that qualifies them to operate the machinery. Equipment delivered to the site should be inspected upon arrival and daily thereafter. Equipment operators should verify the equipment working areas are free of non-operating personnel.

5.1.3 Hazardous Energy

5.1.3.1 Lockout/Tagout

This standard applies to the control of all types of energy (e.g., electrical, thermal, pneumatic, etc.) during servicing and/or maintenance of machines and equipment.

The standard applies to employees: 1) Who actually perform lockout/tagout procedures (Authorized Employees); 2) Who use equipment subject to lockout/tagout procedures (Affected Employees); and, 3) Who work around or in the vicinity of areas where lockout/tagout is being performed (also defined as affected employees). As ARCADIS employees generally fall into the last group (#3), this manual section will cover only the portions of the standard that applies to this group of employees.

5.1.3.1.1 General Requirements

Lockout systems are used whenever possible. A tagout system is used only when equipment is not capable of being locked out.

A written energy control program is developed to ensure that equipment is isolated from the energy source and made inoperable before any service or maintenance is performed.

5.1.3.1.2 Training

Training is required prior to an employee's assignment to work in an area where lockout/tagout procedures may be in use, and will be repeated or expanded if inadequacies are found in the employee's knowledge or an employee's assignment changes.

5.1.3.1.3 Overview of Lockout/Tagout

It is the policy of ARCADIS to comply with the OSHA Lockout/Tagout Standard as it relates to the work we do. Lockout/tagout procedures are used to control energy hazards associated with service and maintenance of energized equipment. The standard applies to all types of energy including kinetic, potential, electrical, chemical, thermal, hydraulic, gravitational, and pneumatic. The standard applies when servicing or performing maintenance on equipment and during normal production operations if personnel are:

- Required to remove or bypass a guard or other safety device,
- Required to place any part of their body in an area where work is being performed; or
- Required to place any part of their body in an area where a danger zone exists during a machine operating cycle.

Employees who work in areas where lockout/tagout procedures are used will be aware of the hazards from stored energy and understand what can and cannot be done in a lockout/tagout situation.

5.1.3.2 Regulatory Guidance

- CFR 1910.147 "The Control of Hazardous Energy"

5.1.3.3 Definitions

- **Energy Isolating Device** is a mechanical device that physically prevents the transmission or release of energy. It does not include control circuit type devices, but rather physical devices that control circuit operation.
- **Lockout Device** is a device that utilizes a positive means, such as a lock, to hold an energy-isolating device in a safe position ensuring that the energy isolating device and equipment cannot be operated.
- **Tagout Device** is a prominent warning device, such as a tag, to indicate that the isolating energy device and equipment may not be operated.

5.1.3.4 Energy Control Program

An Energy Control Program is developed to ensure that before service or maintenance of equipment is performed, the equipment will be isolated from its energy source and made inoperable so that unexpected energizing, startup or release of stored energy during equipment service and maintenance is prevented.

ARCADIS employees working with energized equipment have read ARCADIS' written Energy Control Program. ARCADIS' written Energy Control Program includes:

- Do not operate or perform service/maintenance on machines or equipment where an unexpected energizing, startup or release of stored energy could occur;

- Do not perform energy control procedures and, therefore, we do not conduct periodic inspections; and
- Will participate in training as required in CFR 1910.147(c)(7)(i)(C) and (c)(7)(ii).

5.1.3.5 Lockout/Tagout General

If an energy-isolating device is capable of being locked out, a lockout system will be used. Tagout systems are used only when an energy-isolating device is not capable of being locked out.

Machines or equipment should never be restarted if lockout/tagout devices are in place, and lockout/tagout devices should not be removed or ignored. No portion of your body or any item you are holding should ever be placed in the vicinity of the working portion(s) of a machine or piece of equipment.

Materials used for lockout/tagout devices will be:

- Durable and capable of withstanding the environment it is exposed to;
- Standardized within a facility in color, shape, and/or size (standardization includes the print and format of tagout devices);
- Understandable;
- Legible (tagout);
- Substantial to prevent removal; and
- Identifiable with respect to who applied the device.

Tagout devices will warn against hazardous conditions if the equipment is energized and will include a instructions such as: Do Not Start; Do Not Open; Do Not Close; Do Not Operate; Do Not Energize; etc.

5.1.3.5.1 Application of Lockout/Tagout Devices

Lockout/tagout devices will only be applied by authorized/trained personnel who are performing service or maintenance. If more than one person is working on the machine/equipment, each will apply his/her own lockout/tagout device. All personnel in the area will be notified that a lockout/tagout procedure is beginning.

5.1.3.5.2 Release of Lockout/Tagout Devices

Lockout/tagout devices will be removed only by the person who applied the device. If more than one person was working on the machine/equipment, each will remove his or her own lockout/tagout device. All personnel will be notified and directed to a safe area prior to restart.

5.1.3.6 Training

Training is required for all employees whose jobs require them to work in an area in which lockout/tagout procedures may occur. Training must occur prior to working in such an area, repeated or expanded if inadequacies are found in the employee's knowledge or if an employee's assignment changes. Affected Employees will be instructed about:

- Energy control procedures;
- The prohibition of removing, damaging or tampering with any lockout/tagout device;
- The prohibition regarding attempts to restart or reenergize equipment that has been locked out/tagged out; and
- The limitations of tagout devices.

If an employee performs lockout/tagout procedures or operates machinery or equipment subject to lockout/tagout procedures, he/she will require more extensive training.

5.1.3.7 Energy Control Procedure

ARCADIS equipment that must be periodically locked out must have a written Energy Control Procedure (ECP) for the device to be locked out and de-energized. The ECP is a written description of how to physically lock out and then de-energize a piece of equipment. It could be something as simple as:

a. Turn equipment OFF

b. Unplug equipment

c. Try to re-start equipment to make sure correct plug was disconnected

d. Tag equipment to prevent re-connection

or may be more complex, such as:

- Turn equipment OFF
- Disconnect electrical break and lockout
- Shut pneumatic valve and bleed excess pressure
- Disconnect and lockout valve
- Try to re-start or pressurize equipment

In addition, the following will be addressed.

1. All Type 3 or greater energized electrical work shall be performed only by qualified personnel.

2. In active facilities, only electricians can verify electrical feeds and disconnect points of concern, unless otherwise specified in the project contract.

3. In inactive facilities, the contractor is responsible for testing all electrical systems before performing any work.

4. In the event of an accident, injury, or illness that should occur to the contractor or subcontractor's employees while on property, the IRAD coordinator will be notified immediately. Additionally, all near misses that could have led to an injury or illness will also be will be reported to the IRAD coordinator.

5.1.4 Hand and Power Tools

Hand and power tools present serious hazards, especially to fingers and hands, and can cause eye injuries resulting from flying debris. All hand and power tools shall be inspected prior to use to ensure that all are in good condition with properly working parts, and are appropriate for the task. All power tools shall also be inspected for proper wiring and grounding, and to ensure that all of the safety guards and switches provided by the manufacturer are present and in good working condition. If any hand tool does not meet the criteria specified in this section, the tool will be tagged and repaired by a properly trained individual, or replaced.

5.1.5 Fuel Handling

The refueling of gasoline-powered equipment shall not be performed while the equipment is in operation. The engine shall be allowed to cool prior to refueling.

5.1.6 Noise

Noise levels shall be monitored within the work area during activities involving heavy equipment. Hearing protection will be required in all work areas where noise levels are above 85 decibels (dBA). Potential hazardous noise producers will either be surveyed using a sound-level meter, or assumed hazardous. Hearing protection shall be required for personnel working in the area of the operating equipment.

5.1.7 Drilling

Working within the vicinity of operating drill rigs poses numerous safety considerations. Most hazards, as with other mechanized devices, are physical in nature. For drill rigs, these physical hazards include being struck by a falling or flying object, direct contact with a rotating or moving object (such as the auger), lifting of heavy equipment, and pinching. Frequently injured body parts include eyes, back, fingers, hands, feet and knees.

Care shall be taken by all personnel to exercise caution when working with all mechanized equipment, primarily drill rigs, to prevent clothing from being caught in moving parts, placing body parts in close vicinity to pinch points on equipment, or using the equipment on slopes or unstable surfaces in excess of manufacturer's recommendations. Site personnel, visitors, or other persons who are not performing necessary work shall remain at a distance of at least 15 ft from the drill rig, and all workers within 15 ft of the equipment are required to wear, at a minimum, hard hats, safety glasses, steel-toed boots, gloves, and hearing protection.

5.1.8 Amendment Addition

During either manual or automatic transfer of amendment solution to the aquifer, it is possible that site workers could be injured due to accidental contact with machinery having moving parts and/or energized modules, such as hoses, pumps or mixers. Care shall be taken by all personnel to exercise caution when working with all mechanized equipment. Care should be taken to avoid the potential for being struck by moving parts, being cut or "pinched" by the moving parts of the equipment, or being splashed with potentially contaminated fluids.

5.1.9 Trenching and Excavation Safety

All trenching and excavation operations will be accomplished in accordance with requirements of 29 CFR 1926.650. The following safe operating guidelines apply to open trenches or excavations exceeding four (4) feet in depth **or** of any depth if in unstable soil conditions, as required by 29 CFR 1926.650. An excavation is any man-made cut, cavity, trench, or depression in an earth surface, formed by earth removal; a trench is a narrow excavation (in relation to its length) made below the surface of the ground.

Excavation Construction Guidelines

The following requirements are minimum requirements and must be met before any personnel are permitted to enter any excavation.

- Excavated materials will be stored and retained at least 2 feet from the edge of the excavation (Note: This procedure must be observed even when excavation/trench entry will not occur).
- Trees, boulders, and other surface encumbrances that create a hazard will be removed or made safe before excavation is begun.
- Special precautions will be taken in sloping or shoring the sides of excavations adjacent to a previously backfilled excavation.
- Except in hard rock, excavations below the level of the base of the footing of any foundation or retaining wall will not be permitted unless the wall is underpinned and all other precautions have been taken to ensure the stability of the adjacent walls.
- Excavations will be inspected at least daily, or more often as conditions warrant, by a competent person to ensure that changes in temperature, precipitation, shallow groundwater, overburden, nearby building weight, vibrations, or nearby equipment operation has not caused weakening of sides, faces, and flows. The SSO will accompany the competent person and document this inspection in the Excavation Checklist (Appendix B).
- All ladders used in excavation operations will be in accordance with the requirements of 29 CFR 1926 Subpart L.
- Diversion ditches, dikes, or other suitable means will be used to prevent water from entering an excavation and for drainage of the excavation.
- When mobile equipment is used or allowed adjacent to excavations, stop logs or barricades will be installed. The grade will always be away from the excavation.

- Dust conditions during excavation will be kept to a minimum. Wetting agents shall be used upon the direction of the SSO.
- Field personnel shall not enter any excavation, without specific direction, for any reason except to rescue injured individuals who have fallen into the excavated area.
- All excavations will be marked and protected at all times to ensure site personnel, visitors, or unauthorized personnel do not enter without permission or fall into the trench.
- Personnel will work in pairs when working around an excavation of 2' or more.

Trench Entry Requirements

The following requirements must be met before any personnel are permitted to enter any excavation.

- Expected hazardous ground movement areas and banks more than four (4) feet high (or less if soil is deemed unstable by the competent person) shall be shored, laid back to a stable slope, shielded, or equivalent.
- Sides of trenches or excavations in unstable or soft material four (4) feet or more in depth (or less if soil is deemed unstable by the competent person) shall be shored, sheeted, braced, sloped, or equivalent.
- Sides of excavations in hard compact soil, including embankments, are shored or otherwise supported when the trench is four (4) feet or more in depth (less if soil is deemed unstable by the qualified person).
- Materials used for sheeting, sheet piling, bracing, shoring, and underpinning shall be in good, serviceable condition.
- A means of egress (ladder, ramps, stairways, etc.) shall be accessible at any location inside the excavation without requiring more than 25 feet of lateral travel distance.
- Additional precautions by way of shoring and bracing shall be taken to prevent slides or cave-ins when the competent person subjects excavations to vibrations as deemed necessary.

- Compliance with the above requirements will be recorded in the Daiy Trenching Log (Appendix C).

Atmosphere & Testing

Before an employee enters an excavation greater than four (4) feet in depth (or less if soil is deemed unstable by the competent person), the atmosphere must be tested to

ensure that an oxygen deficient or hazardous atmosphere does not exist. If the concentration of any airborne contaminant exceeds one-half its permissible exposure limit (PEL) or other applicable occupational exposure limit (OEL), the airborne oxygen concentration is less than 19.5 percent, or explosivity exceeds ten percent of the lower explosive limit (LEL), then no personnel shall be permitted to enter the excavation until such engineering controls or other hazard controls are instituted to eliminate or control hazard.

5.2 Chemical Hazards

Chlorinated VOCs have been detected in groundwater samples collected from the site. Given the planned site activities and the physical properties of the chemicals of concern, the potential exists for chemical exposure. The potential chemical exposure pathways are inhalation of volatilized chemicals of concern (chlorinated VOCs only), accidental ingestion of impacted media, and dermal contact with impacted media. Table 1, "Exposure Limits for Constituents of Concern," lists exposure limits for the constituents of concern at the Site in terms of the American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV) as a Time Weighted Average (TWA) and Short Term Exposure Limit (STEL), and the National Institute of Occupational Safety and Health (NIOSH) Immediately Dangerous to Life and Health (IDLH) limit.

Table 1. Exposure Limits for the Constituents of Concern

	TLV-TWA		STEL		IDLH		Media of Concern	
Constituents of Concern*	ppm	mg/m^3	ppm	mg/m^3	ppm	mg/m^3	Air	Soil/Groundwater
Tetrachloroethene (PCE)	25, A[1]	170, A[1]	100, A[1]	685, A[1]	150	5,370		X
Trichloroethene	50, A[1]	269, A[1]	200, A[1]	537, A[1]	1,000	6,780		X
1,2-Dichloroethene	200	790	--	--	1,000	3,970		X
Hydrogen Sulfide	5	7	--	--	100	140	X	

TLV-TWA Threshold Limit Value, Time Weighted Average
STEL Short Term Exposure Limit
IDLH Immediately Dangerous to Life and Health.
ppm Parts per million.
mg/m^3 Milligrams per cubic meter.

A[1]	Animal Carcinogen: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that are not considered relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence suggests that the agent is not likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure.
--	No entry listed in NIOSH.

The chemical hazards associated with this site are based on the analytical data generated from previous sampling activities. The analytical data indicated that some potential contaminants of concern (COCs) for these sites may include tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethylene (cis1,2-DCE). Once the IRZ system is constructed, hydrogen sulfide or methane may be a constituent of health and safety concern during operation and maintenance (O&M) activities. Based upon this information, the following exposure pathways have been identified in order to minimize each site worker's potential exposure to COCs:

- Inhalation of vapors, gases, and particulates.
- Direct skin contact with chemicals and particulates.
- Accidental ingestion of chemicals and particulates

5.2.1 Exposure Via Inhalation

VOCs and hydrogen sulfide that may be present in groundwater and soil are potential hazards for exposure via inhalation. Chemical exposure via inhalation of volatilized chemicals will be mitigated through the use of common sense, air monitoring for chemical vapors, and PPE. To minimize potential exposures from inhalation, site personnel shall not be downwind of an impacted area at which intrusive work (i.e. drilling etc.) is being performed. Soil and groundwater samples must not be smelled in an attempt to confirm the presence or absence of contaminants. PPE shall be utilized as necessary (based on specific action levels) to prevent chemical exposure in excess of the exposure limits listed in Table 1. Air monitoring shall be conducted in all work areas as described in the next section. Use of PPE will be initiated based on monitoring and action levels discussed in the following sections.

5.2.2 Exposure Via Ingestion

Chemical exposure via ingestion shall be mitigated through the use of the following personal hygiene practices:

- Eating, drinking, and/or smoking is prohibited in the work area.
- All workers are required to wash their hands and face prior to consuming food, beverages, and/or tobacco products.

5.2.3 Exposure Via Dermal Contact

Chemical exposure via dermal contact will be mitigated through the use of common sense and PPE appropriate to the tasks and hazards. Dermal exposure is possible during the performance of the following tasks:

- Amendment point and monitoring well installation and soil boring classification;
- Amendment point and monitoring well development;
- IRZ system operation and maintenance;
- Vapor Extraction system operation and maintenance
- Contacting airborne dust; and
- Soil and groundwater sampling.

Care shall be taken to minimize direct contact with contaminated liquids and solids. The base level of protection required to prevent chemical exposure via dermal contact will include chemically resistant gloves, safety glasses, and disposable coveralls. The specific type of gloves and coveralls (i.e., nitrile, natural rubber, Tyvek, or Saranex) will be selected based on the manufacturer's data concerning each material's resistance to chemical penetration when exposed to the chemicals of concern at the Site. All PPE will be approved by the SSO before beginning field activities. All O&M work, such as routine pump maintenance, and manual transfer of reagent solution into the injection wells will be done by workers wearing chemically resistant clothing.

5.3 Biological Hazards

There is a possibility that biological hazards may be encountered during site activities. The most probable biological hazard to site workers, based on existing site information, is injury due to biological vectors, such as stings from insects, or bites from snakes. There is also the possibility of site workers encountering blood-borne pathogens, either from direct contact with biological vectors, or from infection associated with cuts, abrasions, or puncture wounds sustained while manning heavy equipment. A blood-borne pathogen kit and first aid kit will be maintained at each site as a first response

action. Depending on the severity of an injury sustained because of a biological vector, additional medical assistance may be sought by the SSO.

6. Air Monitoring

Air monitoring activities will be performed during all drilling activities. ARCADIS' SSO will be responsible for all site monitoring activities, including monitoring with respect to its employees as well as its subcontractors.

6.1 Volatile Organic Compounds

Air monitoring will be conducted at this site during all planned field activities in order to ensure that the workers are appropriately protected from the identified potential chemical hazards. An intrinsically-safe photoionization detector (PID) will be used to monitor ambient air for total VOCs during all well installation activities. These instruments are designed to measure trace quantities of total VOCs in air, and depending on the make and model, typically have a sensitivity range of one part per million (ppm). The PID will be calibrated each morning, before field use, and calibration records will be kept.

6.2 Combustible Vapors

If combustible gases or vapors are encountered, a combination meter (e.g., combustible gas indicator [CGI], and oxygen meter) may be used to monitor for the presence of oxygen, flammable/explosive gases and vapors (such as methane). The SSO shall monitor the exclusion zone to ensure that 20 percent of the lower explosive limit (LEL) is not exceeded for the COCs. If explosive vapors are detected at a reading of 20 percent of the LEL or greater, work will be discontinued and the area evacuated until vapor concentrations drop below 20 percent of the LEL. Following evacuation, the cause of the potentially explosive atmosphere shall be identified, and changes in the work plan established as needed.

During the O&M phase, it is likely that the reductive dechlorination process will generate methane and/or hydrogen sulfide gases as byproducts of biodegradation. These gases are typically found at low concentrations. However, if these compounds are suspected of being generated in large volumes, methane and hydrogen sulfide concentrations will be monitored, and appropriate action, such as passive venting, will be undertaken to mitigate the potentially explosive conditions.

6.3 Dust Monitoring

Significant dust emissions are not anticipated at the site as a consequence of installing the IRZ technology. However, appropriate measures (as discussed below) will be taken at sites having the potential for significant emissions of dust containing COCs.

An inhalation hazard could result when dust, and COCs potentially adsorbed to the dust, become airborne. Therefore, dust monitoring shall be required to measure and mitigate any wind-borne dust clouds that may occur. Work practices to minimize dust generation will greatly reduce the risk of inhalation exposure.

7. Action Levels

The following action level procedures have been established for all planned field activities to evaluate whether actual field conditions will require an upgrade in the level of PPE. Table 2 provides a summary of established action levels at each site based on specific compounds expected to be found.

Table 2. Summary of Action Levels.

Air Monitoring	Action Levels	Actions To Take
PID Reading	<25 ppm	Remain in Level D protection.
PID Reading	≥1 ppm[1] Sustained for 5 minutes	Draw air sample for TCE with detector tubes. Upgrade to Level C respiratory protection if TCE concentrations remain over 50 ppm or PCE concentrations remain over 25 ppm after venting area for 10 minutes.
PID Reading	>10 ppm	Let work area vent or upgrade to Level C protection.
Hydrogen Sulfide Meter	>10 ppm	Let work area vent.

PID Photoionization detection equipment equipped with a 10.6 eV lamp.
ppm Parts per million.
[1] For 5 minutes.

Prior to the start of each day's activities during construction, background readings in the immediate work area shall be taken using an intrinsically safe PID. An action level

of 1 ppm over a sustained period of 5 minutes in the workers' breathing zone has been established based on the potential presence of TCE and PCE. If the first action level is exceeded, the SSO will draw an air sample with detector tubes to measure TCE and PCE concentrations in the worker's breathing zone. If the concentrations of TCE remain over 50ppm or PCE concentrations remain over 25 pppm, work will be discontinued, the work area will be permitted to vent, and the workers will be moved to an area up wind. Work will not resume until the TCE concentrations fall below the action level. If the concentration of TCE does not fall below 50 ppm and the PCE concentration does not fall below 25 ppm after 10 minutes, the work will resume with the level of protection upgraded to Level C.

Should the PID readings meet or exceed 10 ppm for a sustained period of 5 minutes, and it has been determined that the reading is not due to TCE or PCE (through use of colorimetric tubes), then work will be discontinued; workers will be moved upwind; and the work area will be permitted to vent until the PID readings are less than 10 ppm. If after 10 minutes of venting, the PID readings are still 10 ppm or greater, work can resume with workers upgraded to Level B protection.

Once the system is installed, standard O&M of the amendment points will require air monitoring using a hydrogen sulfide (H_2S) meter. If H_2S levels are detected above 10 ppm for a period greater than 5 minutes, the work will cease until the well is vented and levels drop below 10 ppm.

8. Levels of Protection

Based upon the hazard evaluation results, all tasks will be performed in level D protection. In the event that the established action levels are exceeded, the level of protection will be upgraded to level C. The following is a description of the personal protective equipment required for each level:

Work Activity	Required Initial Level of Protection
General Site Work	Level D
Drilling	Level D
Well Development Water	Level D
Construction Support	Level D
Treatment system O&M	Level D
Operating IRZ System	Level D

The site manager (SM) and the SSO shall have the authority to establish initial protection levels for those activities not specified, and increase or decrease levels of protection, based on the results of the site monitoring and sampling. For example, if established action levels are exceeded, the level of protection may be upgraded to Level C or Level B.

The following is a description of the PPE required for each level:

Level D

- Hard hat
- Disposable coveralls (optional)
- Safety glasses, goggles, or face shield
- Steel-toe and shank, chemical-resistant boots
- Chemical-resistant gloves
- Hearing protection with a noise reduction rating (NRR) of 33 dBA or greater

Level C

- Safety glasses, goggles, or face shield
- Hard hat
- Disposable coveralls
- Full face air purifying respirator equipped with a combination cartridge rated for organic vapors, dusts and mists, and radionuclides
- Steel-toe and shank, chemical-resistant boots
- Chemical-resistant gloves
- Hearing protection with a noise reduction rating (NRR) of 33 decibels or greater

Level B

- Safety glasses, goggles, or face shield
- Hard hat
- Disposable coveralls
- Supplied air respirator
- Steel-toe and shank, chemical-resistant boots

- Chemical-resistant gloves
- Hearing protection with a noise reduction rating (NRR) of 33 decibels or greater

9. Safe Work Practices

- All ARCADIS site personnel will be participants of the company's health and safety program, which includes 40 hours of initial training, annual 8-hour refresher training. ARCADIS personnel acting in a supervisory capacity will have completed 8-hour manager and supervisor training.
- All ARCADIS site personnel are participants of the company's medical surveillance program. Personnel requiring respiratory protection will have a current medical clearance to wear a respirator and a current quantitative fit test meeting the requirements set forth in OSHA's 29CFR1910.134 Respiratory Protection Standard.
- A copy of the HASP will be available for reference at the Site during the planned field activities. Site visitors will be required to sign the Site Visitors Log.
- A pre-entry, tailgate safety meeting will be conducted and recorded on a standardized form in prior to the start of each day's activities to discuss the associated hazards.
- All underground utilities and structures will be marked out and cleared before any ground intrusive work begins.
- The SM and the SSO will inform all subcontractors of the potential hazards associated with the Site and the planned field activities. A copy of the HASP will be made available for their review.
- No eating, drinking, or smoking will be permitted in the work and support zones.
- No sources of ignition, such as matches or lighters, will be permitted in the work and support zones.
- Material Safety Data Sheets (MSDSs) shall be on site for any chemicals that ARCADIS or its subcontractors brings onto the site. In addition, subcontractors shall maintain reference copies of MSDSs for all chemicals brought to the site. A copy of the MSDS for molasses is included in the Appendix A. One copy of all subcontractors' MSDSs shall be provided to the SM.
- During hazardous weather conditions, such as lightning and thunderstorms, work will cease immediately.
- Pregnant women may work in the support areas. However, they shall be restricted

from entering the exclusion zone or contamination-reduction zone (CRZ). Upon entering the site, all pregnant women shall discuss their condition with the SM or SSO to obtain a "Declared Pregnant Worker" status.

10. Site Control

Entrance to the actual work site is limited to authorized personnel only. The SSO will determine and identify the following areas of the work site. These areas will be divided into three zones designated as the exclusion zone, the contamination reduction zone (CRZ), and the support zone. The SSO will also specify the equipment, operations, and personnel to occupy these controlled areas.

10.1 Exclusion Zone

The exclusion zone is the zone where contamination exists or could occur. All personnel working in the exclusion zone will wear the prescribed level of protection. An entry and exit checkpoint will be visually defined at the periphery of the exclusion zone to regulate the flow of personnel and equipment into and out of the zone. Personnel who have not met the medical monitoring and training criteria set forth in this HASP are not permitted to enter the exclusion zone. In addition, pregnant women shall not be allowed to enter the exclusion zone or CRZ under any circumstances.

A visually defined exclusion zone will be established around work areas in which encountering hazardous substances is probable. When established, this zone will be of sufficient size to contain all work activities and resultant waste production. Temporary markers (e.g., traffic cones, barricades, and/or barricade tape) shall be used to clearly delineate the CRZ and other select areas of the Site.

10.2 Contamination Reduction Zone

The area between the exclusion zone and the support zone is the CRZ. This zone provides a transition between a contaminated area (exclusion zone) and non-contaminated area (support zone). The CRZ serves as a buffer to further reduce the possibility of the clean support zone becoming contaminated. It provides additional assurance that the physical transfer of contaminated substances on personnel, equipment, or in the air is limited through a combination of decontamination, distance between exclusion and support zones, air dilution, zone restrictions, and work functions. Decontamination of personnel and sampling equipment will be performed

in the contamination-reduction corridor (CRC), which will be situated within the CRZ. The CRC will be established as the entry and exit points to the defined work areas.

All tools, construction equipment, heavy equipment, and drilling equipment shall be decontaminated upon conclusion of site activities before any equipment leaves the CRZ. This measure is to prevent impacted equipment from leaving the CRZ and potentially affecting previously non-impacted areas, or impacting unsuspecting personnel. All subcontractors shall be responsible for decontaminating and scanning their own equipment. However, the SM or the SSO shall check said tools or equipment for quality control measures. Particular focus shall be placed on areas like bobcat buckets, seats, petals, etc.

10.3 Support Zone

The area between the exclusion zone and the support zone is the CRZ. This zone provides a transition between a contaminated area (exclusion zone) and non-contaminated area (support zone). The CRZ serves as a buffer to further reduce the possibility of the clean support zone becoming contaminated. It provides additional assurance that the physical transfer of contaminated substances on personnel, equipment, or in the air is limited through a combination of decontamination, distance between exclusion and support zones, air dilution, zone restrictions, and work functions. Decontamination of personnel and sampling equipment will be performed in the contamination-reduction corridor (CRC), which will be situated within the CRZ. The CRC will be established as the entry and exit points to the defined work areas.

All tools, construction equipment, heavy equipment, and drilling equipment shall be decontaminated upon conclusion of site activities before any equipment leaves the CRZ. This measure is to prevent impacted equipment from leaving the CRZ and potentially affecting previously non-impacted areas, or impacting unsuspecting personnel. All subcontractors shall be responsible for decontaminating and scanning their own equipment. However, the SM or the SSO shall check said tools or equipment for quality control measures. Particular focus shall be placed on areas like bobcat buckets, seats, petals, etc.

11. Contamination

All personnel performing work tasks in the work areas must pass through the CRZ decontamination procedure, regardless of the work task or protection used. The equipment decontamination pack is the primary corridor for passing between the exclusion and support zones. All equipment and tools used within the work area will also undergo decontamination. Final inspection of the equipment prior to leaving the work area is the responsibility of the SSO.

11.1 Personnel

The decontamination procedure discussed below will be employed for those field activities requiring Level B and Level C protection. A similar procedure, with two fewer stations (Stations 4 and 6), will be used by personnel requiring Level D protection.

Station 1: Segregated Equipment Drop

Equipment used in the exclusion zone (tools, monitoring equipment, radios, clipboards, etc.) will be deposited on plastic drop cloths or in different containers with plastic liners. Tools and devices will be washed/wiped in a detergent solution and rinsed with clean water, then stored or serviced for reuse. Tools and similar field equipment may require a high-temperature water/stream wash. This station shall be located adjacent to the CRZ decontamination line.

Station 2: Wash and Rinse Outer Garment, Boots, and Gloves

Outer boots and gloves will be scrubbed with a decontamination solution, consisting of detergent and water. Gloves, boots, and garment will be rinsed with a hand-pump spray bottle or in a plastic bucket or tub.

Station 3: Removal of Outer Gloves

Outer gloves and any accompanying tape will be removed. Tape and disposable gloves should be placed in a container with a plastic liner. Reusable gloves will be cleaned and stored for future use.

Station 4: Cartridge/Bottle Change

If a worker leaves the exclusion zone to change respirator cartridges or supplied air bottles, Station 4 must be the last step in the decontamination procedure. After the worker's cartridges/bottles have been exchanged, the outer glove and boot covers are donned and joints taped, if required. The worker may then return to the exclusion zone.

Station 5: Removal of Boots and Outer Garment

Boots and outer garment will be removed. The outer, disposable, chemical-resistant garment should be deposited in a plastic-lined container. Reusable protective garments will be removed and stored for future use.

Station 6: Removal of Respiratory Protection

The respirator face piece will be removed, and the respirator will be placed in a plastic-lined container for decontamination.

11.2 Equipment and Vehicles

Equipment will be washed with decontamination solution (i.e., detergent and water), rinsed with clean water, and if required, steam cleaned to the satisfaction of the SSO prior to reuse. Vehicles will be decontaminated in a designated area. Support vehicles will be decontaminated as deemed necessary by the SSO.

11.3 Decontamination Personnel

Personnel working the CRZ will wear, at a minimum, the same level of protection as the workers. In addition, face shields will be worn rather than safety glasses or goggles to protect personnel against splashing.

11.4 Decontamination Waste Disposal

Solid wastes (discarded protective clothing, tape, etc.) will be containerized and disposed of in an approved manner.

11.5 Equipment Needs

The following equipment may be used during the decontamination procedure:

Station 1:

Plastic drop cloths.
Plastic 30- or 50-gallon containers.

Station 2:

Hand-operated garden-type sprayers.
Large tubs or wash containers (30- to 50-gallon capacity).
Plastic buckets
Brushes.
Decontamination solution.
(1) Commercially available detergent.

Station 3:

Plastic liners.
Plastic containers (30- to 50-gallon capacity).

Station 4:

Duct tape.
Respirator cartridges.
Supplied air bottles.

Station 5:

Plastic liners.
Plastic containers (30- to 50-gallon capacity).
Detergent and/or boric acid for decontamination of respirators.

Station 6:

Plastic liners.
Plastic containers (30- to 50-gallon capacity).
Bench
Rack for boots.

Other Equipment:

Hand-operated garden-type hose sprayers or garden hose for vehicle and equipment washing and rinsing.
Steam cleaner.
Potable water supply.
Washbasins.

11.6 Contaminant Containment

A housekeeping program will be implemented during the course of the work tasks to avoid the spread of any contaminants beyond the exclusion zone. The housekeeping program will include the following:

Periodic policing of the work areas for debris, including paper products, cans, etc.

Periodic changing of wash and rinse water for hands, face, and equipment.

Periodic removal of all garbage bags and containers used to dispose of disposable clothing. Contaminated materials will be disposed of in an approved manner.

12. Emergency Plan

In the event of an emergency, the work site will be evacuated and the appropriate emergency phone numbers shall be called (Section 14). Work shall not resume at the site until the ARCADIS Project Manager, Health and Safety Manager, and Site Manager have been notified of the emergency and they agree that the Site is safe for continued work. The injured individual will be removed from the exclusion zone or other work area by coworkers (if possible) for transport to the hospital. The SSO will accompany the injured worker and perform (if necessary) a contamination survey of the ambulance/vehicle after the individual is at the hospital for treatment.

Verbal communications may be difficult at times due to PPE and noise. A universal set of hand signals, listed below, will then be used.

- Hand gripping throat: Can't breathe
  Grip partner's wrist or
- Place hands around waist: Leave work area immediately

- Hand on top of head: Need assistance
- Thumbs up: Okay; I'm all right
- Thumbs down: No; Negative

13. Injury Reporting

All job-related injuries and illnesses will be reported to the SM or SSO. If medical attention is needed, the injured worker will be decontaminated, if possible, prior to leaving the Site. The SM or SSO will investigate the cause of the accident, and corrective measures will be taken before the work can resume. It will be the responsibility of the SSO to complete the accident reporting form, OSHA 101, for all injuries. The completed OSHA 101 form should be forwarded to ARCADIS' Fullerton office and the Corporate Administrator of Health and Safety, within 6 days for recording into the OSHA 200 log. In the event of a fatality or three or more workers hospitalized as a result of a single incident, the SM will contact the office health and safety manager immediately for OSHA reporting purposes.

14. Emergency Action Plan

14.1 Emergency Telephone Numbers

All job-related injuries and illnesses will be reported to the SM or SSO. If medical attention is needed, the injured worker will be decontaminated, if possible, prior to leaving the Site. The SM or SSO will investigate the cause of the accident, and corrective measures will be taken before the work can resume. It will be the responsibility of the SSO to complete the accident reporting form, OSHA 101, for all injuries. The completed OSHA 101 form should be forwarded to ARCADIS' Fullerton office and the Corporate Administrator of Health and Safety, within 6 days for recording into the OSHA 200 log. In the event of a fatality or three or more workers hospitalized as a result of a single incident, the SM will contact the office health and safety manager immediately for OSHA reporting purposes.

14.2 Project Personnel Emergency Telephone Numbers

Jeffrey Friedman, Senior Project Manager, ARCADIS,
(714) 278-0992 (Office)
(714) 335-3456 (Cellular)

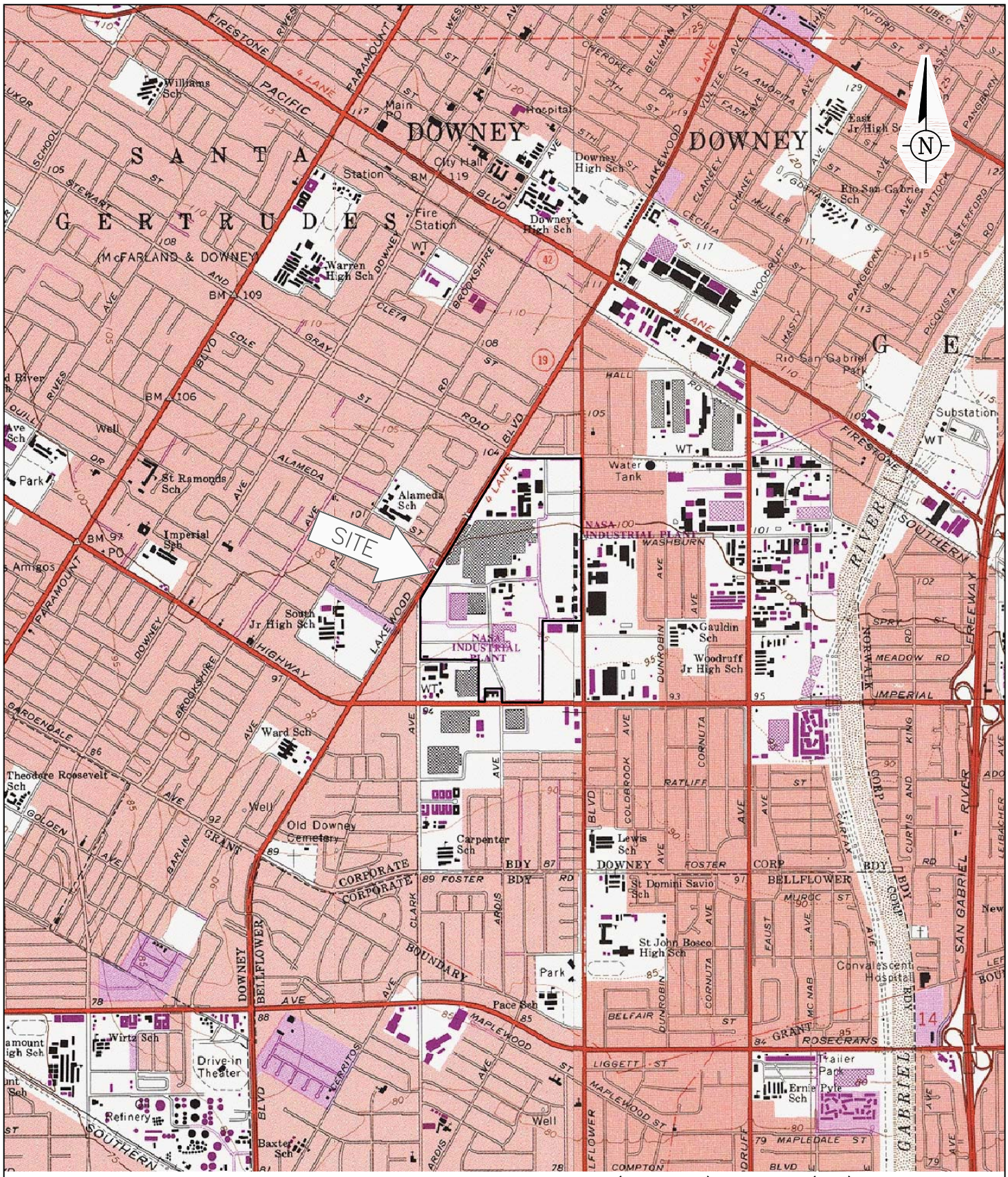
Kevin Thomas, Health and Safety Officer, ARCADIS,
(714) 278-0992 (Office)

14.3 Directions to the Hospital

Travel North on Lakewood Boulevard to Stewart and Gray Road. Turn left on Stewart and Gray Road to Brookshire Avenue. Turn Right on Brookshire Avenue to Downey Community Hospital located on left side of street (see Figure 3).

Downey Community Hospital
11500 Brookshire Avenue
Downey, California 90241

Phone Number: **(562) 904-5000**



Prepared from USGS Topographical 7.5 minute series quadrangle, (Whittier 1965), Photorevised (1981)

Area Manager: CHARLENE PALMER	ARCADIS	SITE LOCATION MAP	Project Number: CA 623.12.02
Project Director: J. FRIEDMAN	Arcadis of Los Angeles 1400 N. Harbor Boulevard, Suite 700 Fullerton, CA 92835-4127 Tel: 714-278-0992 Fax: 714-278-0051 www.arcadis-us.com		Drawing Date: 11/18/04
Task Manager: O. EDWARDS		FORMER NASA INDUSTRIAL PLANT DOWNEY, CALIFORNIA	Figure: 1
Technical Review: HARRY VAN DEN BERG			

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Date/Time : Fri, 09 Jun 2006 - 1:53pm
Path\Name : G:\COMMON\WSA\WSA Downey Soil IMP\Figures\Draft File\01-Hasco-Site Location 002.dwg
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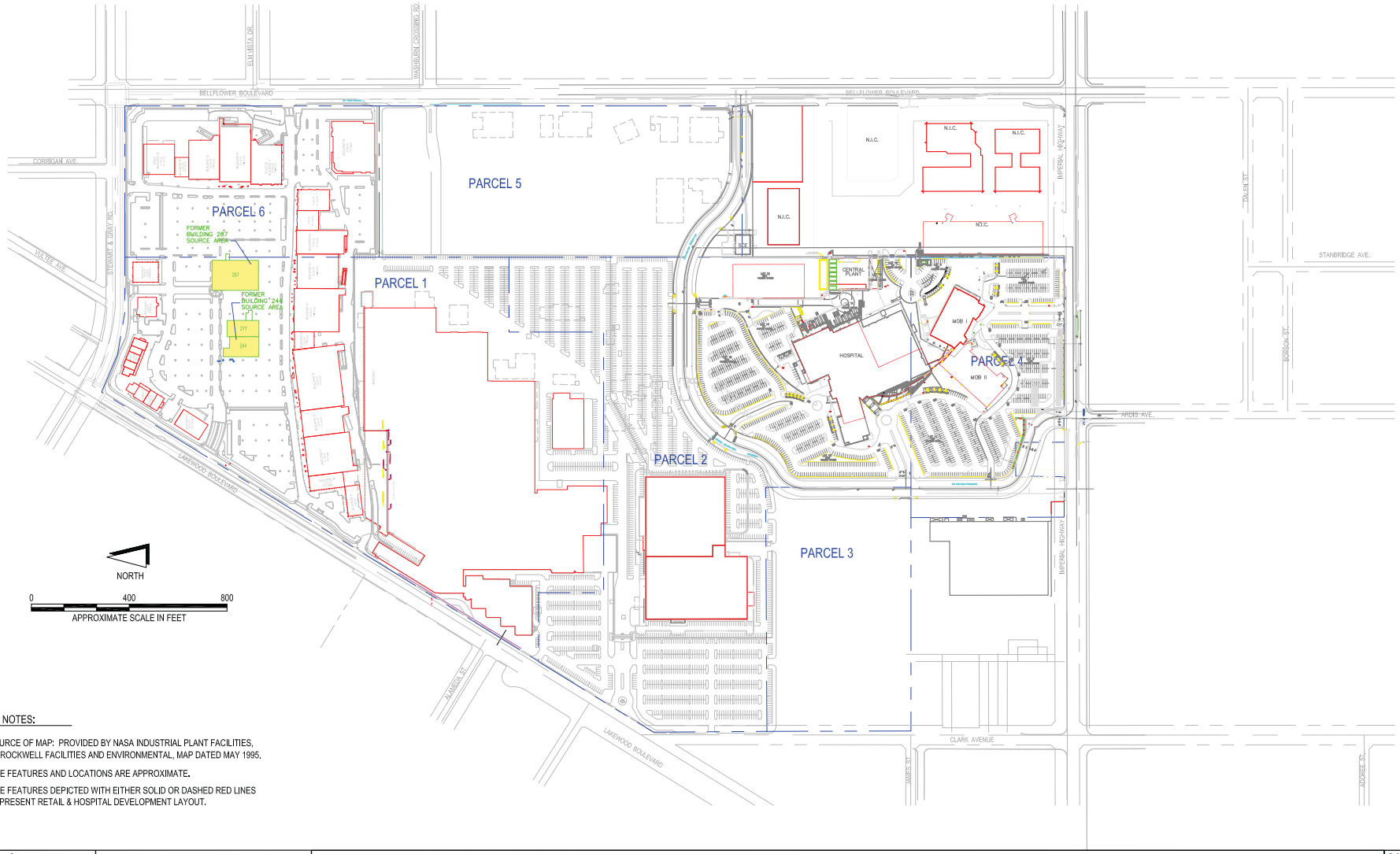
User Name : thuynh



NOTES:

1. SOURCE OF MAP: PROVIDED BY NASA INDUSTRIAL PLANT FACILITIES, BY ROCKWELL FACILITIES AND ENVIRONMENTAL, MAP DATED MAY 1995.
2. SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. SITE FEATURES DEPICTED WITH EITHER SOLID OR DASHED RED LINES REPRESENT RETAIL & HOSPITAL DEVELOPMENT LAYOUT.

Acad Version : R16.2s (LMS Tech) Date\Time : Fri, 08 Jun 2006 – 3:07pm Current Plotsyle : ByColor
User Name : tbuyen Plan\Name : O:\CAMROV\NASA\NASA Downey Soil RAP\Figures\Draft Fig\02-SITE LAYOUT MAP Layout\Eng 11x17-2 Size (2)

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Drawn By	CHARLENE PALMER
Project Manager	J. FRIEDMAN
Task Manager	O. EDWARDS
Technical Review	HARRY VAN DEN BERG

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www.arcadis-us.com

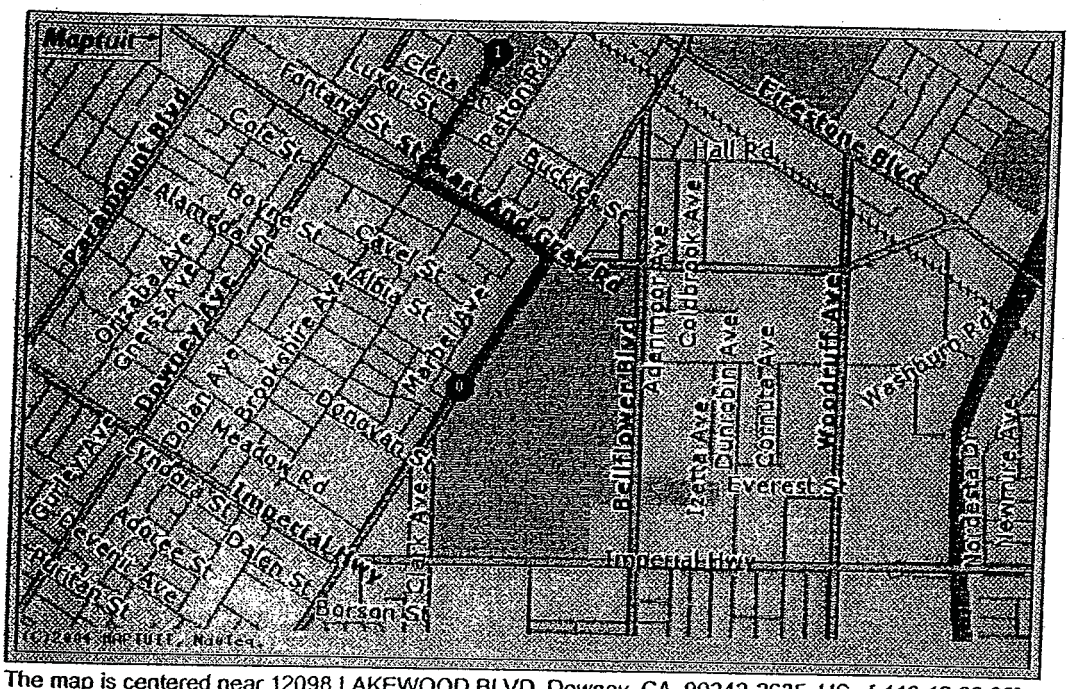
SITE LAYOUT MAP

FORMER NASA INDUSTRIAL PLANT
DOWNEY, CALIFORNIA

Project Number	CA 623.12.02
Drawing Date	12/8/04
Figure	2

HOSPITAL LOCATION MAP

Figure 3



The map is centered near 12098 LAKEWOOD BLVD, Downey, CA, 90242-2635, US [-118.13,33.93]

2000 ft =

Directions

Distances are shown in miles.

Total distance	Step-by-step directions
	Your trip starts at 12214 Lakewood Blvd (0) and ends at 11500 Brookshire Ave (1)
	From 12214 Lakewood Blvd **(0)**, proceed NE on Lakewood Blvd
0.39 mi	After 0.39 mi, turn left (NW) on Stewart And Gray Rd
0.78 mi	After 0.38 mi, turn right (NE) on Brookshire Ave
1.14 mi	Continue NE on Brookshire Ave for 0.37 mi until you reach 11500 Brookshire Ave **(1)** (on left)

Total distance: 1.1 mi
Total travel time: 3 minutes
These directions are provided for informational purposes only. No representation is made or warranty implied. It's your responsibility to drive/travel safely and to follow the rules of the road.

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Downey Community Hospital
11500 Brookshire Avenue
Downey, California 90241
(562) 904-5000

Project Personnel List And Safety Plan Acknowledgement Record

ARCADIS G&M Employees

Project staff must sign the master copy of this document, indicating they have read and understand it. The employee's signature indicates his/her acceptance and compliance with the requirements of the HASP. Copies of this document must be made available for their review and readily available at the job site.

LOG OF ARCADIS PROJECT PERSONNEL

Employee Name/Job Title	Date Distributed	Signature

Contractors and Subcontractors

Copies of this document will be provided to contractors and subcontractors who may be affected by activities addressed herein. Contractors and subcontractors must comply with this document (and/or their own HASP if it is equally or more stringent than the ARCADIS G&M HASP), applicable OSHA, EPA, and local government rules and regulations. The contractors' and subcontractors' signatures acknowledge their reading and understanding the HASP and agreeing to comply with the procedures presented therein.

LOG OF CONTRACTOR AND SUBCONTRACTOR PROJECT PERSONNEL

Contractor Name/Company	Signature	Date Distributed

VISITORS: It is ARCADIS G&M's policy that visitors must furnish their own PPE. Visitors are required to sign the Visitor Log and comply with guidelines, rules, and procedures presented herein. If the visitor represents a regulatory agency concerned with site health and safety issues, the SHSO must immediately notify the Project Director.

VISITOR LOG

Name of Visitor	Company Name	Date of Visit	Signature

HEALTH AND SAFETY MEETINGS: Project personnel must receive initial health and safety orientation. Thereafter, a brief tailgate safety meeting is required as deemed necessary by the SHSO. Health and safety meetings will be held at least once every week or when risks and/or hazards change.

HEALTH AND SAFETY MEETING LOG

Date	Topics	Name of Attendee	Company Name

HEALTH AND SAFETY MEETINGS: Project personnel must receive initial health and safety orientation. Thereafter, a brief tailgate safety meeting is required as deemed necessary by the SHSO. Health and safety meetings will be held at least once every week or when risks and/or hazards change.

HEALTH AND SAFETY MEETING LOG

Date	Topics	Name of Attendee	Company Name

HEALTH AND SAFETY MEETINGS: Project personnel must receive initial health and safety orientation. Thereafter, a brief tailgate safety meeting is required as deemed necessary by the SHSO. Health and safety meetings will be held at least once every week or when risks and/or hazards change.

HEALTH AND SAFETY MEETING LOG

Date	Topics	Name of Attendee	Company Name

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Appendix A

Material Safety Data Sheets

NIOSH Pocket Guide to Chemical Hazards

Tetrachloroethylene	**CAS** 127-18-4
$Cl_2C{=}CCl_2$	**RTECS** KX3850000
Synonyms & Trade Names Perchlorethylene, Perchloroethylene, Perk, Tetrachlorethylene	**DOT ID & Guide** 1897 160

Exposure Limits	NIOSH REL: Ca Minimize workplace exposure concentrations. See Appendix A
	OSHA PEL†: TWA 100 ppm C 200 ppm 300 ppm (5-minute maximum peak in any 3-hours)

IDLH Ca [150 ppm] See: 127184	**Conversion** 1 ppm = 6.78 mg/m^3

Physical Description
Colorless liquid with a mild, chloroform-like odor.

MW: 165.8	BP: 250°F	FRZ: -2°F	Sol: 0.02%
VP: 14 mmHg	IP: 9.32 eV		Sp.Gr: 1.62
Fl.P: NA	UEL: NA	LEL: NA	

Noncombustible Liquid, but decomposes in a fire to hydrogen chloride and phosgene.

Incompatibilities & Reactivities
Strong oxidizers; chemically-active metals such as lithium, beryllium & barium; caustic soda; sodium hydroxide; potash

Measurement Methods
NIOSH 1003; OSHA 1001
See: NMAM or OSHA Methods

Personal Protection & Sanitation
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: No recommendation
Provide: Eyewash, Quick drench

First Aid (See procedures)
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Important additional information about respirator selection
Respirator Recommendations NIOSH
At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, throat, respiratory system; nausea; flush face, neck; dizziness, incoordination; headache, drowsiness; skin erythema (skin redness); liver damage; [potential occupational carcinogen]

Target Organs Eyes, skin, respiratory system, liver, kidneys, central nervous system

Cancer Site [in animals: liver tumors]

See also: INTRODUCTION See ICSC CARD: 0076 See MEDICAL TESTS: 0179

NIOSH Pocket Guide to Chemical Hazards

Trichloroethylene	**CAS** 79-01-6
ClCH=CCl$_2$	**RTECS** KX4550000
Synonyms & Trade Names Ethylene trichloride, TCE, Trichloroethene, Trilene	**DOT ID & Guide** 1710 160

Exposure Limits	NIOSH REL: Ca See Appendix A See Appendix C
	OSHA PEL†: TWA 100 ppm C 200 ppm 300 ppm (5-minute maximum peak in any 2 hours)
IDLH Ca [1000 ppm] See: 79016	**Conversion** 1 ppm = 5.37 mg/m^3

Physical Description
Colorless liquid (unless dyed blue) with a chloroform-like odor.

MW: 131.4	BP: 189°F	FRZ: -99°F	Sol(77°F): 0.1%
VP: 58 mmHg	IP: 9.45 eV		Sp.Gr: 1.46
Fl.P: ?	UEL(77°F): 10.5%	LEL(77°F): 8%	

Combustible Liquid, but burns with difficulty.

Incompatibilities & Reactivities
Strong caustics & alkalis; chemically-active metals (such as barium, lithium, sodium, magnesium, titanium & beryllium)

Measurement Methods
NIOSH 1022, 3800; OSHA 1001
See: NMAM or OSHA Methods

Personal Protection & Sanitation
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: No recommendation
Provide: Eyewash, Quick drench

First Aid (See procedures)
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Important additional information about respirator selection
Respirator Recommendations NIOSH
At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin; headache, visual disturbance, lassitude (weakness, exhaustion), dizziness, tremor, drowsiness, nausea, vomiting; dermatitis; cardiac arrhythmias, paresthesia; liver injury; [potential occupational carcinogen]

Target Organs Eyes, skin, respiratory system, heart, liver, kidneys, central nervous system

Cancer Site [in animals: liver & kidney cancer]

See also: INTRODUCTION See ICSC CARD: 0081 See MEDICAL TESTS: 0236

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NIOSH Pocket Guide to Chemical Hazards

1,2-Dichloroethylene

CAS 540-59-0

CICH=CHCl

RTECS KV9360000

Synonyms & Trade Names
Acetylene dichloride, cis-Acetylene dichloride, trans-Acetylene dichloride, sym-Dichloroethylene

DOT ID & Guide
1150 132P

Exposure Limits

NIOSH REL: TWA 200 ppm (790 mg/m^3)

OSHA PEL: TWA 200 ppm (790 mg/m^3)

IDLH 1000 ppm See: 540590

Conversion 1 ppm = 3.97 mg/m^3

Physical Description
Colorless liquid (usually a mixture of the cis & trans isomers) with a slightly acrid, chloroform-like odor.

MW: 97.0	BP: 118-140°F	FRZ: -57 to -115°F	Sol: 0.4%
VP: 180-265 mmHg	IP: 9.65 eV		Sp.Gr(77°F): 1.27
Fl.P: 36-39°F	UEL: 12.8%	LEL: 5.6%	

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities
Strong oxidizers, strong alkalis, potassium hydroxide, copper [Note: Usually contains inhibitors to prevent polymerization.]

Measurement Methods
NIOSH 1003; OSHA 7
See: NMAM or OSHA Methods

Personal Protection & Sanitation
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: No recommendation

First Aid (See procedures)
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Important additional information about respirator selection
Respirator Recommendations NIOSH/OSHA
Up to 2000 ppm: (APF = 25) Any supplied-air respirator operated in a continuous-flow mode£/(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)£/(APF = 50) Any chemical cartridge respirator with a full facepiece and organic vapor cartridge(s)/(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/(APF = 50) Any self-contained breathing apparatus with a full facepiece/(APF = 50) Any supplied-air respirator with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms Irritation eyes, respiratory system; central nervous system depression

Target Organs Eyes, respiratory system, central nervous system

See also: INTRODUCTION See ICSC CARD: 0436

NIOSH Pocket Guide to Chemical Hazards

Hydrogen sulfide	**CAS** 7783-06-4
H_2S	**RTECS** MX1225000
Synonyms & Trade Names Hydrosulfuric acid, Sewer gas, Sulfuretted hydrogen	**DOT ID & Guide** 1053 117

Exposure Limits	NIOSH REL: C 10 ppm (15 mg/m^3) [10-minute]
	OSHA PEL†: C 20 ppm 50 ppm [10-minute maximum peak]
IDLH 100 ppm See: 7783064	**Conversion** 1 ppm = 1.40 mg/m^3

Physical Description
Colorless gas with a strong odor of rotten eggs. [Note: Sense of smell becomes rapidly fatigued & can NOT be relied upon to warn of the continuous presence of H_2S. Shipped as a liquefied compressed gas.]

MW: 34.1	BP: -77°F	FRZ: -122°F	Sol: 0.4%
VP: 17.6 atm	IP: 10.46 eV	RGasD: 1.19	
Fl.P: NA (Gas)	UEL: 44.0%	LEL: 4.0%	

Flammable Gas

Incompatibilities & Reactivities
Strong oxidizers, strong nitric acid, metals

Measurement Methods
NIOSH 6013; OSHA ID141
See: NMAM or OSHA Methods

Personal Protection & Sanitation
Skin: Frostbite
Eyes: Frostbite
Wash skin: No recommendation
Remove: When wet (flammable)
Change: No recommendation
Provide: Frostbite

First Aid (See procedures)
Eye: Frostbite
Skin: Frostbite
Breathing: Respiratory support

Important additional information about respirator selection
Respirator Recommendations NIOSH
Up to 100 ppm: (APF = 25) Any powered, air-purifying respirator with cartridge(s) providing protection against the compound of concern/(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern/(APF = 10) Any supplied-air respirator*/(APF = 50) Any self-contained breathing apparatus with a full facepiece
Emergency or planned entry into unknown concentrations or IDLH conditions: (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode/(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape: (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern/Any appropriate escape-type, self-contained breathing apparatus

Exposure Routes inhalation, skin and/or eye contact

Symptoms Irritation eyes, respiratory system; apnea, coma, convulsions; conjunctivitis, eye pain, lacrimation (discharge of tears), photophobia (abnormal visual intolerance to light), corneal vesiculation; dizziness, headache, lassitude (weakness, exhaustion), irritability, insomnia; gastrointestinal disturbance; liquid: frostbite

Target Organs Eyes, respiratory system, central nervous system

See also: INTRODUCTION See ICSC CARD: 0165 See MEDICAL TESTS: 0119

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Appendix B

Excavation CheckList

SAMPLE – Excavation Checklist

EXCAVATION CHECKLIST
(To be completed by a Competent Person)

SITE LOCATION:		
DATE:	TIME:	COMPETENT PERSON:
SOIL TYPE: (See attached form):		
SOIL CLASSIFICATION:	EXCAVATION DEPTH:	EXCAVATION WIDTH:
TYPE OF PROTECTIVE SYSTEM USED:		

Indicate for each item: YES - NO - or N/A for not applicable

1. General Inspection of Jobsite:	
A. Excavations, adjacent areas, and protective systems inspected by a competent person daily before the start of work.	
B. Competent person has the authority to remove employees from the excavation immediately.	
C. Surface encumbrances removed or supported.	
D. Employees protected from loose rock or soil that could pose a hazard by falling or rolling into the excavation.	
E. Hard hats worn by all employees.	
F. Spoils, materials, and equipment set back at least two feet from the edge of the excavation.	
G. Barriers provided at all remotely located excavations, wells, pits, shafts, etc.	
H. Walkways and bridges over excavations four feet or more in depth are equipped with standard guardrails and toeboards.	
I. Warning vests or other highly visible clothing provided and worn by all employees exposed to public vehicular traffic.	
J. Employees required to stand away from vehicles being loaded or unloaded.	
K. Warning system established and utilized when mobile equipment is operating near the edge of the excavation.	
L. Employees prohibited from going under suspended loads.	
M. Employees prohibited from working on the faces of slopes or benched excavations above other employees.	
2. Utilities:	
A. Utility companies contacted and/or utilities located.	
B. Exact location of utilities marked.	
C. Underground installations protected, supported, or removed when excavation is open.	
3. Means of Access and Egress:	
A. Lateral travel to means of egress no greater than 25 feet in excavations four feet or more in depth.	
B. Ladders used in excavations secured and extended three feet above the edge of the trench.	
C. Structural ramps used by employees designed by a competent person.	

D. Structural ramps used for equipment designed by a registered professional engineer (RPE).	
E. Ramps constructed of materials of uniform thickness, cleated together on the bottom, equipped with no-slip surface.	
F. Employees protected from cave-ins when entering or exiting the excavation.	
4. Wet Conditions:	
A. Precautions take to protect employees from the accumulation of water.	
B. Water removal equipment monitored by a competent person.	
C. Surface water or runoff diverted or controlled to prevent accumulation in the excavation.	
D. Inspections made after every rainstorm or other hazard-increasing occurrence.	
5. Hazardous Atmosphere:	
A. Atmosphere within the excavation tested where there is a reasonable possibility of an oxygen deficiency, combustible or other harmful contaminant exposing employees to a hazard.	
B. Adequate precautions taken to protect employees from exposure to an atmosphere containing less than 19.5% oxygen and/or to other hazardous atmospheres.	
C. Ventilation provided to prevent employee exposure to an atmosphere containing flammable gas in excess of 10% of the lower explosive limit of the gas.	
D. Testing conducted often to ensure that the atmosphere remains safe.	
E. Emergency equipment, such as breathing apparatus, safety harness and lifeline, and/or basket stretcher readily available where hazardous atmospheres could or do exist.	
F. Employees trained to use personal protective and other rescue equipment.	
G. Safety harness and lifeline used and individually attended when entering bell bottom or other deep confined excavations.	
6. Support Systems:	
A. Materials and/or equipment for support systems selected based on soil analysis, trench depth, and expected loads.	
B. Materials and equipment used for protective systems inspected and in good condition.	
C. Materials and equipment not in good condition have been removed from service.	
D. Damaged materials and equipment used for protective systems inspected by a registered professional engineer (RPE) after repairs and before being placed back into service.	
E. Protective systems installed without exposing employees to the hazards of cave-ins, collapses, or threat of being struck by materials or equipment.	
F. Members of support system securely fastened to prevent failure.	
G. Support systems provided in ensure stability of adjacent structures, buildings, roadways, sidewalks, walls, etc.	
H. Excavations below the level of the base or footing supported, approved by an RPE.	
I. Removal of support systems progresses from the bottom and members are released slowly as to note any indication of possible failure.	
J. Backfilling progresses with removal of support system.	
K. Excavation of material to a level no greater than two feet below the bottom of the support system and only if the system is designed to support the loads calculated for the full depth.	
L. Shield system placed to prevent lateral movement.	
M. Employees are prohibited from remaining in shield system during vertical movement.	

CORRECTIVE ACTIONS AND REMARKS:

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Appendix C

Daily Trenching Log

SAMPLE – Daily Trenching Log

DAILY TRENCHING LOG

DATE:	SIGNATURE:
WEATHER:	PROJECT:

Was One Call System contacted: Yes _____ No _____

Protective system: Trench shield (box) _____ Wood shoring _____
Sloping _____ Other _____

Purpose of trenching: Drainage _____ Water _____
Sewer _____ Gas _____
Other _____

Were visual soil tests made: Yes _____ No _____
If yes, what type?

Were manual soil tests made: Yes _____ No _____
If yes, what type?

Type of soil: Stable Rock _____ Type A _____ Type B _____ Type C _____

Surface encumbrances: Yes _____ No _____
If yes, what type?

Water conditions: Wet _____ Dry _____ Submerged _____

Hazardous atmosphere exists: Yes _____ No _____
(If yes, follow confined space entry procedures policy; complete Confined Space Entry Permit; monitor for toxic gas(es))

Is trenching or excavation exposed to public vehicular traffic (exhaust emission): Yes _____ No _____
(If yes, refer to confined space entry procedures; complete Confined Space Entry Permit; monitor for toxic gas(es))

Measurements of trench: Depth _____ Length _____ Width _____

Is ladder within 25 feet of all workers: Yes _____ No _____

Is excavated material stored two feet or more from edge of excavation: Yes _____ No _____

Are employees exposed to public vehicular traffic: Yes _____ No _____
(If yes, warning vests required)

Are other utilities protected: Yes _____ No _____
(Water, sewer, gas or other structures)

Are sewer or natural gas lines exposed: Yes _____ No _____
(If yes, refer to confined space entry procedures policy; complete Confined Space Entry Permit; monitor for toxic gas(es))

Periodic inspection: Yes _____ No _____

Did employees receive training in excavating: Yes _____ No _____

APPENDIX IV.I-1

Noise Data

General Information

Serial Number:	01611
Model:	831
Firmware Version:	1.158
File Name:	831_Data.026
User:	Kevin Finkel
Job Description:	Tierra Luna Specific Plan EIR
Location:	Location 1
Latitude	0° 0.00'
Longitude	0° 0.00'
Altitude	0.0 ft
Start Time (hh:mm):	Monday, 2008 July 28 12:20:28
Stop Time:	Monday, 2008 July 28 12:35:28
Run Time:	00:15:00.0
Pause:	00:00:00.0
Pre Calibration:	Monday, 2008 July 28 12:19:10
Post Calibration:	Monday, 2008 July 28 14:28:07
Calibration Deviation:	0.1 dB

Note

Overall Data

LAeq:		68.3	dB
LASmax:	(28 Jul 2008 12:22:13)	87.3	dB
LApeak (max):	(28 Jul 2008 12:22:13)	101.0	dB
LASmin:	(28 Jul 2008 12:33:58)	47.6	dB
LCeq:		80.0	dB
LAeq:		68.3	dB
LCeq - LAeq:		11.7	dB
Ldn		66.3	dB
LDay: 7:00-22:00		68.3	dB
LNight: 22:00-7:00		---	dB
Lden		65.3	dB
LDay: 07:00-19:00		68.3	dB
LEvening: 19:00-22:00		---	dB
LNight: 22:00-07:00		---	dB
LAE:		97.9	dB
SEA:		---	dBZ
LAFtm5:		74.2	dB
# Overloads:		0	
Overload Duration:		0.0	s

Statistics

L5.00:	73.6	dBA
L10.00:	71.5	dBA
L33.30:	66.7	dBA
L50.00:	63.6	dBA
L66.60:	60.2	dBA
L90.00:	55.5	dBA

SPL 1 85.0 dB (Event Counts / Duration):	1 / 2.0 s
SPL 2 115.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 1 135.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 2 137.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 3 140.0 dB (Event Counts / Duration):	0 / 0.0 s

Settings

RMS Weight:	A Weighting
Peak Weight:	A Weighting
Detector:	Slow
Preamp:	PRM831
Integration Method:	Linear

General Information

Serial Number:	01611
Model:	831
Firmware Version:	1.158
File Name:	831_Data.027
User:	Kevin Finkel
Job Description:	Tierra Luna Specific Plan EIR
Location:	Location 2
Latitude	0° 0.00'
Longitude	0° 0.00'
Altitude	0.0 ft
Start Time (hh:mm):	Monday, 2008 July 28 12:43:11
Stop Time:	Monday, 2008 July 28 12:58:11
Run Time:	00:15:00.0
Pause:	00:00:00.0
Pre Calibration:	Monday, 2008 July 28 12:19:10
Post Calibration:	Monday, 2008 July 28 14:28:07
Calibration Deviation:	0.1 dB

Note

Overall Data

LAeq:		58.4	dB
LASmax:	(28 Jul 2008 12:46:32)	72.0	dB
LApeak (max):	(28 Jul 2008 12:51:40)	85.9	dB
LASmin:	(28 Jul 2008 12:47:49)	45.3	dB
LCeq:		72.0	dB
LAeq:		58.4	dB
LCeq - LAeq:		13.6	dB
Ldn		56.3	dB
LDay: 7:00-22:00		58.4	dB
LNight: 22:00-7:00		---	dB
Lden		55.4	dB
LDay: 07:00-19:00		58.4	dB
LEvening: 19:00-22:00		---	dB
LNight: 22:00-07:00		---	dB
LAE:		87.9	dB
SEA:		---	dBZ
LAFtm5:		62.5	dB
# Overloads:		0	
Overload Duration:		0.0	s

Statistics

L5.00:	63.2	dBA
L10.00:	61.0	dBA
L33.30:	57.6	dBA
L50.00:	55.9	dBA
L66.60:	54.1	dBA
L90.00:	49.6	dBA

SPL 1 85.0 dB (Event Counts / Duration):	0 / 0.0 s
SPL 2 115.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 1 135.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 2 137.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 3 140.0 dB (Event Counts / Duration):	0 / 0.0 s

Settings

RMS Weight:	A Weighting
Peak Weight:	A Weighting
Detector:	Slow
Preamp:	PRM831
Integration Method:	Linear

General Information

Serial Number:	01611
Model:	831
Firmware Version:	1.158
File Name:	831_Data.028
User:	Kevin Finkel
Job Description:	Tierra Luna Specific Plan EIR
Location:	Location 3
Latitude	0° 0.00'
Longitude	0° 0.00'
Altitude	0.0 ft
Start Time (hh:mm):	Monday, 2008 July 28 13:04:49
Stop Time:	Monday, 2008 July 28 13:19:49
Run Time:	00:15:00.0
Pause:	00:00:00.0
Pre Calibration:	Monday, 2008 July 28 12:19:10
Post Calibration:	Monday, 2008 July 28 14:28:07
Calibration Deviation:	0.1 dB

Note

Overall Data

LAeq:		65.7	dB
LASmax:	(28 Jul 2008 13:06:53)	87.6	dB
LApeak (max):	(28 Jul 2008 13:06:53)	101.7	dB
LASmin:	(28 Jul 2008 13:15:09)	51.4	dB
LCeq:		76.2	dB
LAeq:		65.7	dB
LCeq - LAeq:		10.5	dB
Ldn		63.6	dB
LDay: 7:00-22:00		65.7	dB
LNight: 22:00-7:00		---	dB
Lden		62.7	dB
LDay: 07:00-19:00		65.7	dB
LEvening: 19:00-22:00		---	dB
LNight: 22:00-07:00		---	dB
LAE:		95.2	dB
SEA:		---	dBZ
LAFtm5:		70.1	dB
# Overloads:		0	
Overload Duration:		0.0	s

Statistics

L5.00:	69.0	dBA
L10.00:	67.3	dBA
L33.30:	62.2	dBA
L50.00:	59.0	dBA
L66.60:	57.0	dBA
L90.00:	55.1	dBA

SPL 1 85.0 dB (Event Counts / Duration):	1 / 2.7 s
SPL 2 115.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 1 135.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 2 137.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 3 140.0 dB (Event Counts / Duration):	0 / 0.0 s

Settings

RMS Weight:	A Weighting
Peak Weight:	A Weighting
Detector:	Slow
Preamp:	PRM831
Integration Method:	Linear

General Information

Serial Number:	01611
Model:	831
Firmware Version:	1.158
File Name:	831_Data.030
User:	Kevin Finkel
Job Description:	Tierra Luna Specific Plan EIR
Location:	Location 5
Latitude	0° 0.00'
Longitude	0° 0.00'
Altitude	0.0 ft
Start Time (hh:mm):	Monday, 2008 July 28 14:28:52
Stop Time:	Monday, 2008 July 28 14:43:52
Run Time:	00:15:00.0
Pause:	00:00:00.0
Pre Calibration:	Monday, 2008 July 28 14:28:37
Post Calibration:	None
Calibration Deviation:	---

Note

Overall Data

LAeq:		71.1	dB
LASmax:	(28 Jul 2008 14:33:31)	89.1	dB
LApeak (max):	(28 Jul 2008 14:36:20)	102.5	dB
LASmin:	(28 Jul 2008 14:37:48)	50.8	dB
LCeq:		79.4	dB
LAeq:		71.1	dB
LCeq - LAeq:		8.3	dB
Ldn		69.1	dB
LDay: 7:00-22:00		71.1	dB
LNight: 22:00-7:00		---	dB
Lden		68.1	dB
LDay: 07:00-19:00		71.1	dB
LEvening: 19:00-22:00		---	dB
LNight: 22:00-07:00		---	dB
LAE:		100.6	dB
SEA:		---	dBZ
LAFtm5:		76.7	dB
# Overloads:		0	
Overload Duration:		0.0	s

Statistics

L5.00:	75.8	dBA
L10.00:	74.2	dBA
L33.30:	68.8	dBA
L50.00:	65.0	dBA
L66.60:	61.5	dBA
L90.00:	56.5	dBA

SPL 1 85.0 dB (Event Counts / Duration):	3 / 5.5 s
SPL 2 115.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 1 135.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 2 137.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 3 140.0 dB (Event Counts / Duration):	0 / 0.0 s

Settings

RMS Weight:	A Weighting
Peak Weight:	A Weighting
Detector:	Slow
Preamp:	PRM831
Integration Method:	Linear

General Information

Serial Number:	01611
Model:	831
Firmware Version:	1.158
File Name:	831_Data.031
User:	Kevin Finkel
Job Description:	Tierra Luna Specific Plan EIR
Location:	Location 6
Latitude	0° 0.00'
Longitude	0° 0.00'
Altitude	0.0 ft
Start Time (hh:mm):	Monday, 2008 July 28 14:52:09
Stop Time:	Monday, 2008 July 28 15:07:09
Run Time:	00:15:00.0
Pause:	00:00:00.0
Pre Calibration:	Monday, 2008 July 28 14:28:37
Post Calibration:	None
Calibration Deviation:	---

Note

Overall Data

LAeq:		67.5	dB
LASmax:	(28 Jul 2008 15:02:16)	80.9	dB
LApeak (max):	(28 Jul 2008 14:53:19)	100.7	dB
LASmin:	(28 Jul 2008 15:03:30)	53.4	dB
LCeq:		76.2	dB
LAeq:		67.5	dB
LCeq - LAeq:		8.8	dB
Ldn		65.4	dB
LDay: 7:00-22:00		67.5	dB
LNight: 22:00-7:00		---	dB
Lden		64.5	dB
LDay: 07:00-19:00		67.5	dB
LEvening: 19:00-22:00		---	dB
LNight: 22:00-07:00		---	dB
LAE:		97.0	dB
SEA:		---	dBZ
LAFtm5:		71.8	dB
# Overloads:		0	
Overload Duration:		0.0	s

Statistics

L5.00:	73.3	dBA
L10.00:	71.7	dBA
L33.30:	66.9	dBA
L50.00:	63.9	dBA
L66.60:	61.4	dBA
L90.00:	58.1	dBA

SPL 1 85.0 dB (Event Counts / Duration):	0 / 0.0 s
SPL 2 115.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 1 135.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 2 137.0 dB (Event Counts / Duration):	0 / 0.0 s
Peak 3 140.0 dB (Event Counts / Duration):	0 / 0.0 s

Settings

RMS Weight:	A Weighting
Peak Weight:	A Weighting
Detector:	Slow
Preamp:	PRM831
Integration Method:	Linear

OFF-SITE TRAFFIC NOISE LEVELS

Project Name: Tierra Luna Specific Plan

Background Information

Model Description:	FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.
Analysis Scenario(s):	Existing (2008), Future (2020) Without Project, and Future (2020) With Project
	Traffic Conditions
Source of Traffic Volumes:	Raju Associates, Inc., July 2008
Community Noise Descriptor:	L_{dn}: ____ CNEL: X

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.70%	12.70%	9.60%
Medium-Duty Trucks	87.43%	5.05%	7.52%
Heavy-Duty Trucks	89.10%	2.84%	8.06%

Traffic Noise Levels

Analysis Condition Roadway Name Roadway Segment	Land Use	Lanes	Median Width	Peak Hour Volume	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor[1]	Alpha Factor	Barrier Attn. dB(A)	Vehicle Mix Medium Trucks	Vehicle Mix Heavy Trucks	Peak Hou dB(A) L_{eq}	24-Hour dB(A) CNEL
Existing (2008) Traffic Volumes													
Imperial Highway													
west of Bellflower Boulevard	commercial, industrial	6	10		35,800	35	50	0	0	1.8%	0.7%	0.0	71.7
east of Bellflower Boulevard	commercial, industrial	6	10		35,860	35	50	0	0	1.8%	0.7%	0.0	71.7
Bellflower Boulevard													
b/t Imperial Highway and Lakewood	industrial, commercial, mutli-family residential, recreational, medical	4	10		24,510	35	50	0	0	1.8%	0.7%	0.0	69.1
south of Imperial Highway	commercial, residential	4	10		28,490	35	50	0	0	1.8%	0.7%	0.0	69.8
Stewart and Gray Road													
b/t Bellflower and Lakewood	residential,commercial	4	10		18,110	35	50	0	0	1.8%	0.7%	0.0	67.8
b/t Paramount and Lakewood	residential,commercial	4	10		17,110	35	50	0	0	1.8%	0.7%	0.0	67.6
west of Firestone Boulevard	commercial, industrial	4	10		13,180	35	50	0	0	1.8%	0.7%	0.0	66.5
Lakewood Boulevard													
north of Stewart and Gray Road	residential, commercial	6	10		19,345	35	50	0	0	1.8%	0.7%	0.0	69.1
south of Stewart and Gray Road	residential, commercial	6	10		22,200	35	50	0	0	1.8%	0.7%	0.0	69.7
south of Gallatin Road	residential, commercial	6	10		27,190	35	50	0	0	1.8%	0.7%	0.0	70.5
Future (2020) Without Project Traffic Volumes													
Imperial Highway													
west of Bellflower Boulevard	commercial, industrial	6	10		37,020	35	50	0	0	1.8%	0.7%	0.0	71.9
east of Bellflower Boulevard	commercial, industrial	6	10		37,080	35	50	0	0	1.8%	0.7%	0.0	71.9
Bellflower Boulevard													
north of Imperial Highway	industrial, commercial, mutli-family residential, recreational, medical	4	10		26,070	35	50	0	0	1.8%	0.7%	0.0	69.4
south of Imperial Highway	commercial, residential	4	10		30,310	35	50	0	0	1.8%	0.7%	0.0	70.1
Stewart and Gray Road													
b/t Bellflower and Lakewood	residential,commercial	4	10		19,260	35	50	0	0	1.8%	0.7%	0.0	68.1
b/t Paramount and Lakewood	residential,commercial	4	10		18,190	35	50	0	0	1.8%	0.7%	0.0	67.9
west of Firestone Boulevard	commercial, industrial	4	10		13,990	35	50	0	0	1.8%	0.7%	0.0	66.7
Lakewood Boulevard													
north of Stewart and Gray Road	residential, commercial	6	10		21,720	35	50	0	0	1.8%	0.7%	0.0	69.6
south of Stewart and Gray Road	residential, commercial	6	10		23,610	35	50	0	0	1.8%	0.7%	0.0	69.9
south of Gallatin Road	residential, commercial	6	10		28,915	35	50	0	0	1.8%	0.7%	0.0	70.8
Future (2020) With Project Traffic Volumes													
Imperial Highway													

north of Stewart and Gray Road	residential, commercial	6	10	26,445	35	50	0	0	1.8%	0.7%	0.0	70.4
south of Stewart and Gray Road	residential, commercial	6	10	29,525	35	50	0	0	1.8%	0.7%	0.0	70.9
south of Gallatin Road	residential, commercial	6	10	31,060	35	50	0	0	1.8%	0.7%	0.0	71.1

[1] Distance is from the centerline of the roadway segment to the receptor location.

APPENDIX IV.K-1

Downey Police Department Response July 24, 2008

1. The Police Department has one police station location near the intersection of Brookshire Ave and Firestone Blvd. The department has no substations.

2. The department is currently authorized 125 sworn police officer positions. This staffing level is adequate to meet the current demand for police services.

3. Shopping centers, in general, create a burden on police services due to a general increase in crime, especially during peak holiday shopping times when shoplifting arrests increase. With the addition of approximately 4000 residents and a daytime increase in business activity, this will undoubtedly increase the demand for police services. A police community sub-station in the proposed area may assist in responding to calls for service.

4. The proposed project is in Beat 1. Attached are crime stats from the Downey Landing to the north and the Stonewood Shopping Center, just north of Beat 1.The stats cover a 6 month period.

5. The majority of emergency 911 calls for service in beat 1 and beat 6 (adjacent beat to the west) is responded to in five minutes or less.

6. I don't have specific population figures for the individual beats. Compared with the other beats, however, beat 1 has several large commercially zoned areas.

The current city population is 109,000, which results in a 1.15 service ratio per thousand residents (at a full staff level of 125). An increase of 4,000 residents would require an increase of five officers to maintain the current service ratio.

7. The project would undoubtedly impact the demand for police services and a police community sub-station in the project area may help mitigate some of those demands. Private security patrol would help deter some of the associated problems in commercial areas, such as auto theft, burglary, vandalism, etc.

Considering a resident population increase of 4000, an increase of five officers would be required to maintain the existing service ratio. The daytime population increase would far exceed 4000 and would require additional staffing to maintain current service levels. Also, as a consequence of the increase in patrol demands, the demand on various support groups, such as dispatchers, records clerks, police assistants, and parking enforcement, would increase and require additional staffing.

APPENDIX IV.K-2

Downey Unified School District Response June 30, 2008

Subject: DOWNEY MIXED USE PROJECT INFO RERQUEST
Date: Monday, June 30, 2008 11:44 AM
From: Condon, Kevin <kcondon@dusd.net>
To: <brad.perrine@cajaeir.com>
Cc: "Weinfurter, Buck" <bweinfurter@dusd.net>

Mr. Perrine:

In response to your letter of June 20, received on June 25, requesting Environmental impact data and developer fee information:

1. In addition to the schools you listed (Alameda , Sussman & Columbus Continuation) it is likely that the following additional schools will be impacted by the proposed development:

a. Downey High School (9-12)

b. Gauldin Elem (K-5)

c. Carpenter Elem (4-5)

Due to uncertainty in the next several years on attendance boundaries, Lewis Elementary (K-5) could also be impacted

As to Questions 2 3 & 4 regarding:

Current enrollments and total student capacities at each of these sites

Additions and improvements planned for these schools

Plans to build new Schools in the project area;

These have been referred to our Director MOT (Facilities) Buck Weinfurter (562) 469-6701 (cc'd on this e-mail)

Question 5: Developer fees effective for 2008 are $2.97 / sq ft Residential and $.47 /sq ft Commercial/Industrial

Question 6 : Student generation rates in effect from most recent Study:

K-6	0.243 students per dwelling unit
7-8	0.15
9-12	0.214
Total	.607

An Additional concern involves the cost of potential student transportation (both regular and Spec education)

Mr. Weinfurter may have additional concerns regarding the impact on District support services as well.

Sincerely,

Kevin E. Condon

Asst. Superintendent Business Services

Downey USD

(562) 469-6520 (562) 469-6519 (Fax)

kcondon@dusd.net <mailto:kcondon@dusd.net>

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APPENDIX IV.K-3

Downey Unified School District Response July 2, 2008

Subject: Downey Mixed Use Project Info Request
Date: Tuesday, July 1, 2008 3:57 PM
From: Weinfurter, Buck <bweinfurter@dusd.net>
To: <brad.perrine@cajaeir.com>
Cc: "Condon, Kevin" <kcondon@dusd.net>

Your letter of 20 June was answered by Kevin Condon concerning developer fees and student generation rates. The school specific info is summarized below.

The project falls on the school attendance boundary lines for several schools. Should your project develop the 912 students projected by our model, they would be assigned to several schools as most of Downey Unified's schools are close to capacity at this point. Alameda is a K - 3 school with a current enrollment of 581 regular ed. students and 71 special ed. students. Its capacity is 720. There are no plans to increase the number of classrooms on this site. Gauldin is a K - 5 school with a current enrollment of 741 regular ed. students and 15 special ed. students. Its capacity is 796. There are plans to construct classrooms (22) at an estimated cost of $8.2MM to replace the portable classrooms at that site. Classrooms could be added to that plan. Carpenter is a 4 - 5 school with a current enrollment of 682 regular ed. students and 34 special ed. students. Its capacity is 757. There are plans to construct 14 classrooms at an estimated cost of $5.3MM to replace the portable classrooms at that site. Classrooms could be added to that plan. Lewis is a K - 5 school with a current enrollment of 715 regular ed. students and 14 special ed. students. Its capacity is 764. There are no plans to add classrooms at this site. Sussman Middle School is a 6 - 8 school with a current enrollment of 1435 regular ed. students and 65 special ed. students. Its capacity is 1528. There are plans to construct 28 classrooms at a cost of $10.8MM to replace the portables at this site. Classrooms could be added to the plan. East Middle School is a 6 - 8 school with a current enrollment of 1295 rgular ed. students and 63 special ed. students. Its capacity is 1382. There are plans to construct 14 classrooms at a cost of $5.8MM at this site to replace the portables. Classrooms could be added to this plan. Downey High is a 9 - 12 school with a current enrollment of 3599 regular ed. students and 177 special ed. students. Its capacity is 3822. There are plans to construct 24 classrooms at a cost of $10.8MM to replace existing classrooms and portables. Classrooms could be added to this plan. Columbus High is a 9 - 12 school with a current enrollment of 293 regular ed. students and 16 special ed. students. Its capacity is 320. There are plans to construct 16 classrooms to replace existing classrooms and portables at a cost of $8.3MM. Classrooms could be added to this plan.

The Downey High project is the only project above our funding line. All the other listed construction is unfunded as well as many other projects across the District. We have the plans but no money. We do not have a new school site on the books.

Lewis Elementary, East Middle and Columbus would be overflow sites for those grade levels should the rest of the sites become impacted.

Buck Weinfurter
DIR, MOT, DUSD
(562) 469-6701
fax 469-6705